

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019459.D
 Acq On : 18 Nov 2020 18:36
 Operator : JC/MD
 Sample : VX1119WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:39 AM

Quant Time: Nov 19 03:52:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	238787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	411526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	382683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180090	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	176804	47.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.50%	
35) Dibromofluoromethane	5.46	113	126571	46.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.48%	
50) Toluene-d8	8.69	98	504100	47.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.12	95	186494	48.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	51819	19.318	ug/l	100
3) Chloromethane	1.31	50	60533	18.198	ug/l	100
4) Vinyl Chloride	1.39	62	61571	18.542	ug/l	97
5) Bromomethane	1.62	94	31630	19.956	ug/l	97
6) Chloroethane	1.69	64	22168	17.348	ug/l	98
7) Trichlorofluoromethane	1.90	101	85963	18.495	ug/l	98
8) Diethyl Ether	2.17	74	33601	18.139	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46791	18.334	ug/l	99
10) Methyl Iodide	2.48	142	50975	16.006	ug/l	99
11) Tert butyl alcohol	3.04	59	75196	108.137	ug/l	97
12) 1,1-Dichloroethene	2.34	96	46444	18.049	ug/l	98
13) Acrolein	2.28	56	40680	81.625	ug/l	98
14) Allyl chloride	2.70	41	83370	18.484	ug/l	99
15) Acrylonitrile	3.12	53	148876	92.841	ug/l	99
16) Acetone	2.42	43	130158	89.943	ug/l	100
17) Carbon Disulfide	2.54	76	128217	18.350	ug/l	99
18) Methyl Acetate	2.75	43	64281	18.058	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	175902	18.908	ug/l	98
20) Methylene Chloride	2.83	84	57843	17.655	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	53396	18.748	ug/l	99
22) Diisopropyl ether	3.82	45	172936	18.792	ug/l	95
23) Vinyl Acetate	3.78	43	747386	95.714	ug/l	100
24) 1,1-Dichloroethane	3.66	63	98701	18.275	ug/l	99
25) 2-Butanone	4.64	43	205625	95.244	ug/l	99
26) 2,2-Dichloropropane	4.54	77	86118	18.670	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60211	18.605	ug/l	99
28) Bromochloromethane	4.97	49	45450	17.713	ug/l	100
29) Tetrahydrofuran	5.09	42	129080	92.748	ug/l	99
30) Chloroform	5.17	83	101728	18.469	ug/l	97
31) Cyclohexane	5.54	56	86495	18.406	ug/l	97
32) 1,1,1-Trichloroethane	5.45	97	89347	18.590	ug/l	99
36) 1,1-Dichloropropene	5.76	75	75267	18.246	ug/l	99
37) Ethyl Acetate	4.79	43	80922	19.069	ug/l	100
38) Carbon Tetrachloride	5.74	117	74381	18.281	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019459.D
 Acq On : 18 Nov 2020 18:36
 Operator : JC/MD
 Sample : VX1119WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:39 AM

Quant Time: Nov 19 03:52:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	87081	18.775	ug/l	96
40) Benzene	6.10	78	225247	18.327	ug/l	99
41) Methacrylonitrile	5.00	41	42557	18.311	ug/l	99
42) 1,2-Dichloroethane	6.15	62	85969	18.408	ug/l	100
43) Isopropyl Acetate	6.41	43	130077	18.495	ug/l	100
44) Trichloroethene	7.18	130	56975	18.387	ug/l	98
45) 1,2-Dichloropropane	7.48	63	58784	18.445	ug/l	98
46) Dibromomethane	7.63	93	39234	18.743	ug/l	99
47) Bromodichloromethane	7.87	83	75840	18.315	ug/l	96
48) Methyl methacrylate	7.74	41	63409	18.663	ug/l	98
49) 1,4-Dioxane	7.72	88	25740	384.325	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	393770	94.312	ug/l	100
52) Toluene	8.76	92	142303	19.073	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84387	17.918	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	93475	18.162	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	56719	18.770	ug/l	99
56) Ethyl methacrylate	9.16	69	84367	18.221	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98592	18.778	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	244040	98.542	ug/l	100
59) 2-Hexanone	9.47	43	299949	94.857	ug/l	99
60) Dibromochloromethane	9.56	129	54091	17.525	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58475	18.668	ug/l	98
64) Tetrachloroethene	9.32	164	55181	18.451	ug/l	97
65) Chlorobenzene	10.12	112	144736	18.458	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	51758	17.967	ug/l	98
67) Ethyl Benzene	10.23	91	268593	18.933	ug/l	100
68) m/p-Xylenes	10.34	106	198031	38.281	ug/l	100
69) o-Xylene	10.68	106	93509	18.982	ug/l	98
70) Styrene	10.70	104	156673	18.128	ug/l	99
71) Bromoform	10.84	173	35689	17.907	ug/l #	99
73) Isopropylbenzene	11.00	105	255205	19.601	ug/l	99
74) N-amyl acetate	10.88	43	105491	19.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84621	18.833	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	83057m	19.344	ug/l	
77) Bromobenzene	11.24	156	59677	19.453	ug/l	98
78) n-propylbenzene	11.34	91	299330	19.924	ug/l	99
79) 2-Chlorotoluene	11.40	91	178676	19.565	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	217032	19.589	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	25898	19.141	ug/l	97
82) 4-Chlorotoluene	11.49	91	212426	19.499	ug/l	99
83) tert-Butylbenzene	11.76	119	198035	19.432	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	218723	19.746	ug/l	99
85) sec-Butylbenzene	11.93	105	247979	19.840	ug/l	100
86) p-Isopropyltoluene	12.05	119	222396	18.802	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	109152	18.760	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	112362	18.831	ug/l	98
89) n-Butylbenzene	12.37	91	203117	19.156	ug/l	99
90) Hexachloroethane	12.58	117	35431	18.426	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	108061	18.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18405	18.105	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
Data File : VX019459.D
Acq On : 18 Nov 2020 18:36
Operator : JC/MD
Sample : VX1119WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

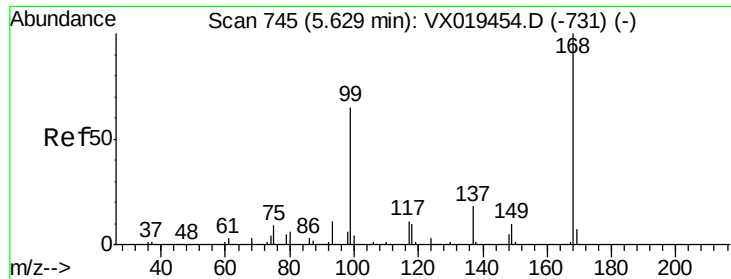
Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM

Quant Time: Nov 19 03:52:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 16:47:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67155	18.471	ug/l	99
94) Hexachlorobutadiene	13.76	225	31933	20.235	ug/l	98
95) Naphthalene	13.82	128	226268	17.964	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	67564	18.578	ug/l	98

(#) = 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: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion:168 Resp: 238787

Ion Ratio Lower Upper

168 100

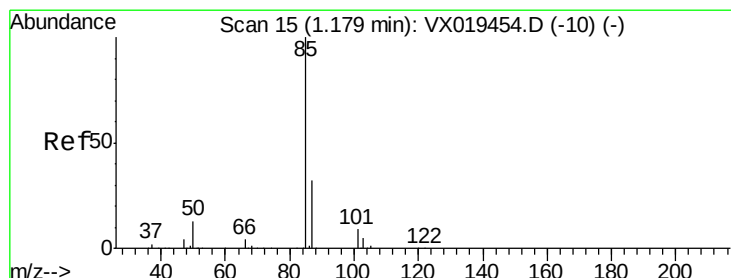
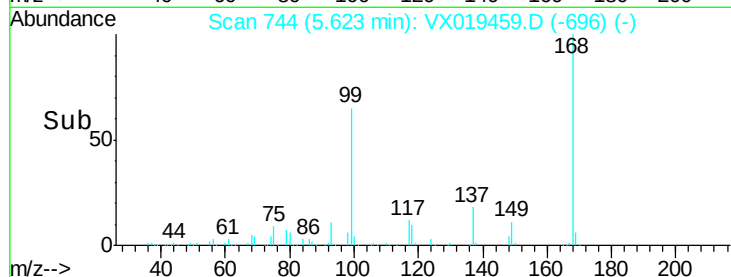
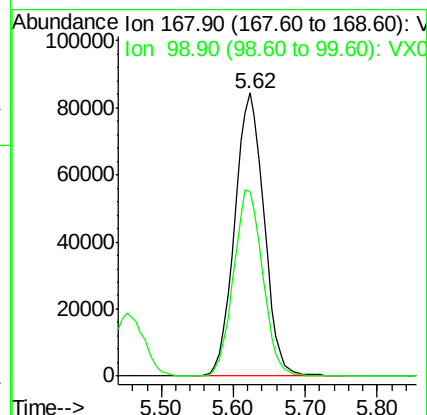
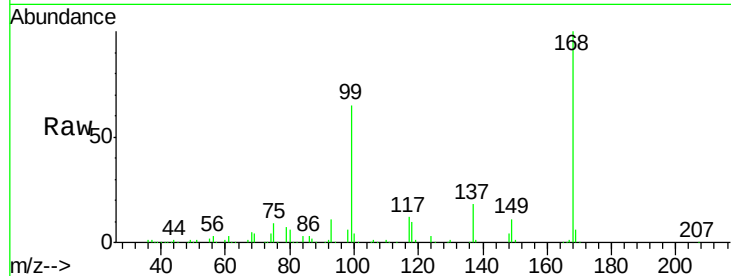
99 65.3 52.1 78.1

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#2

Dichlorodifluoromethane

Concen: 19.318 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX019459.D

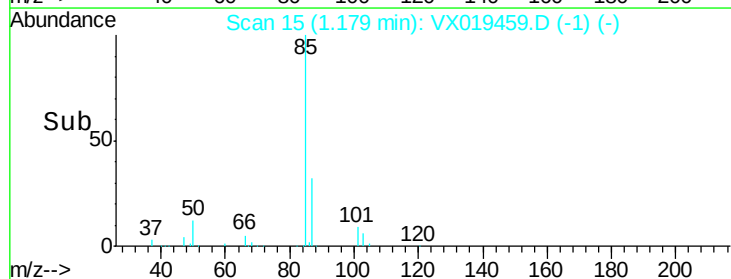
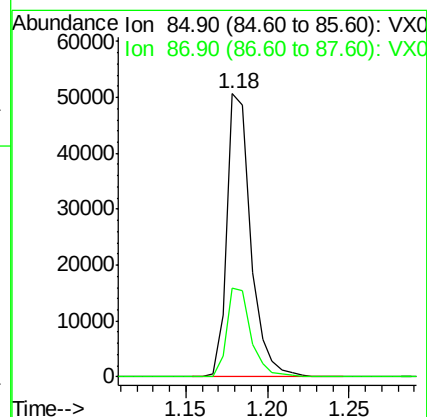
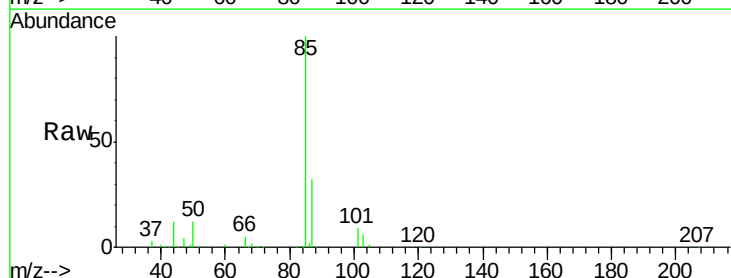
Acq: 18 Nov 2020 18:36

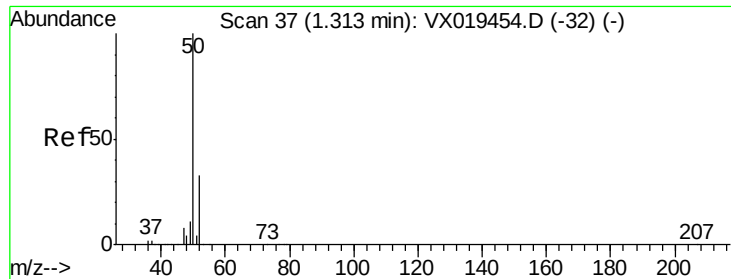
Tgt Ion: 85 Resp: 51819

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4





#3

Chloromethane

Concen: 18.198 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 50 Resp: 60533

Ion Ratio Lower Upper

50 100

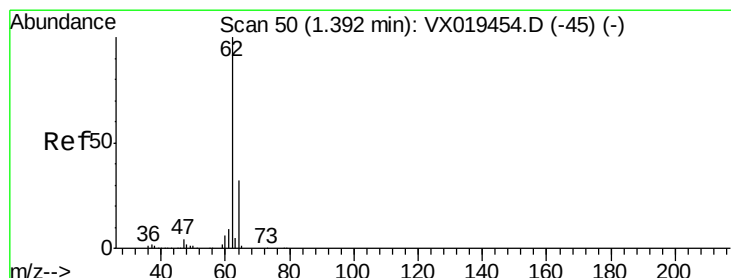
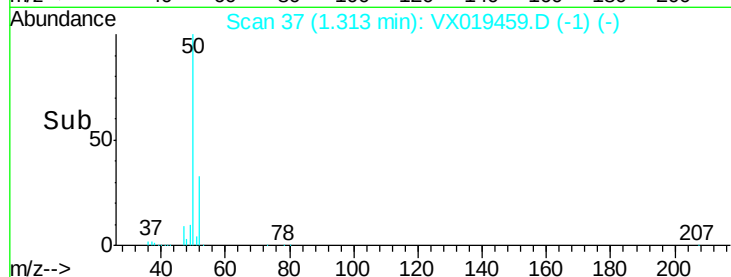
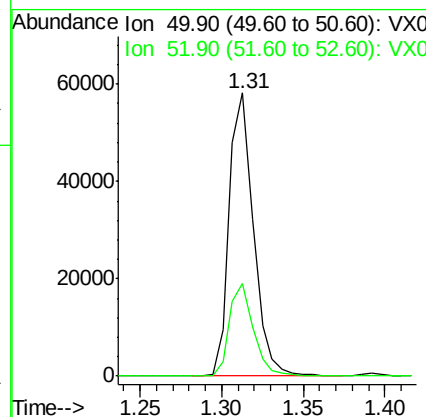
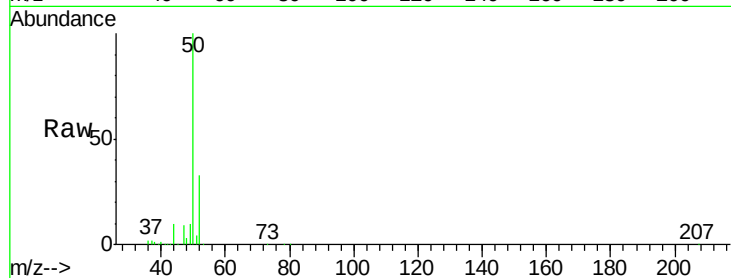
52 33.0 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#4

Vinyl Chloride

Concen: 18.542 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019459.D

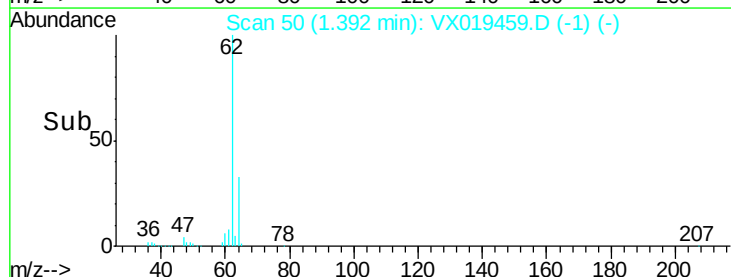
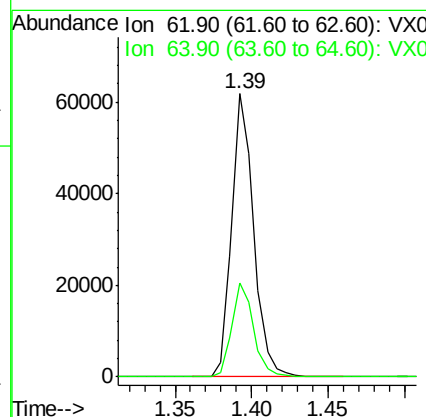
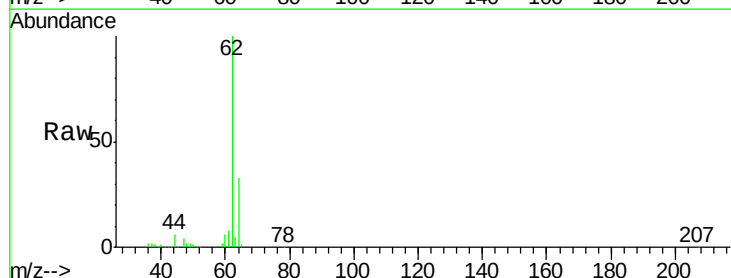
Acq: 18 Nov 2020 18:36

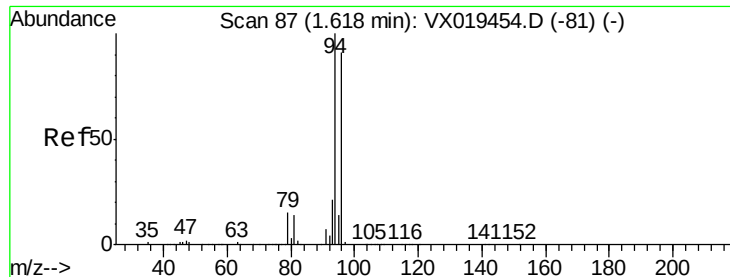
Tgt Ion: 62 Resp: 61571

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 19.956 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 94 Resp: 31630

Ion Ratio Lower Upper

94 100

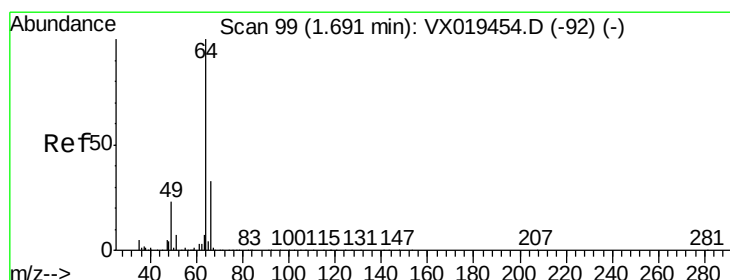
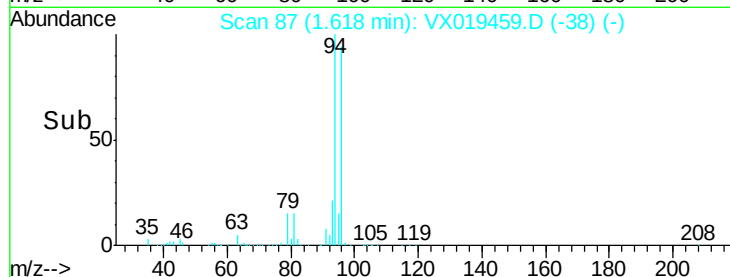
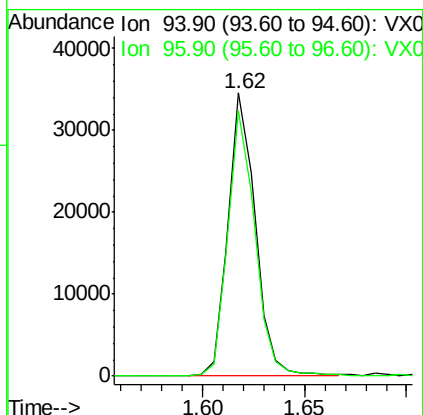
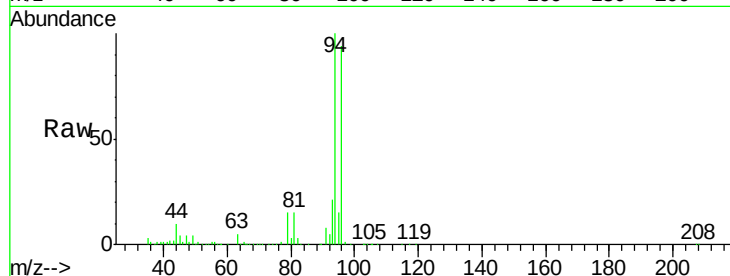
96 93.4 72.4 108.6

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#6

Chloroethane

Concen: 17.348 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019459.D

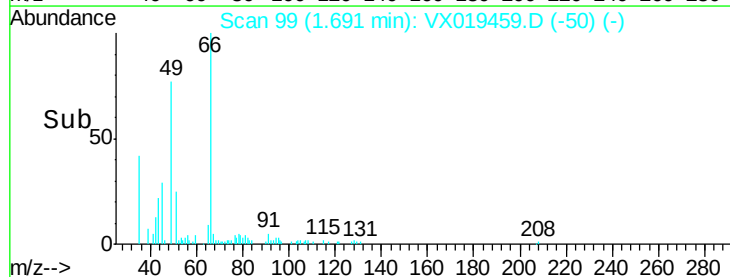
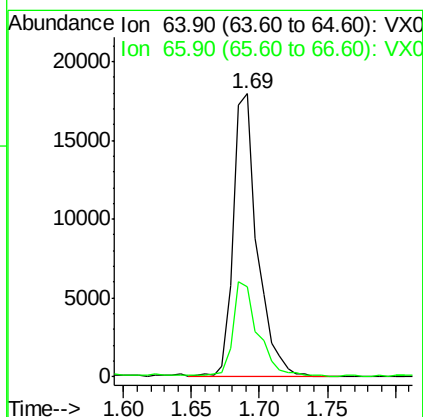
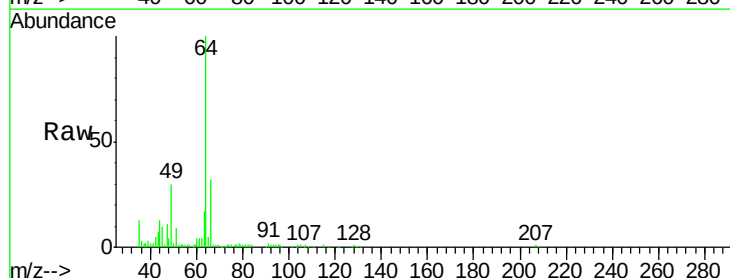
Acq: 18 Nov 2020 18:36

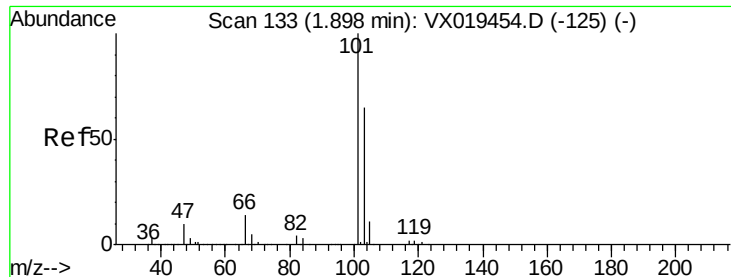
Tgt Ion: 64 Resp: 22168

Ion Ratio Lower Upper

64 100

66 31.6 26.1 39.1





#7

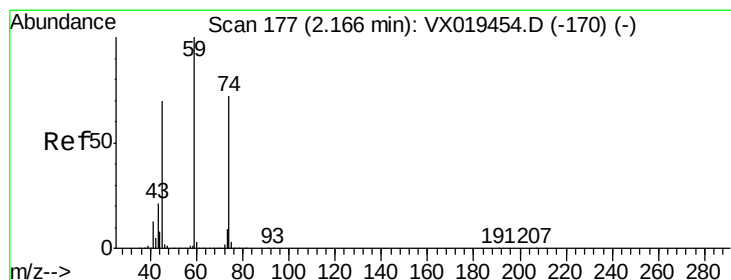
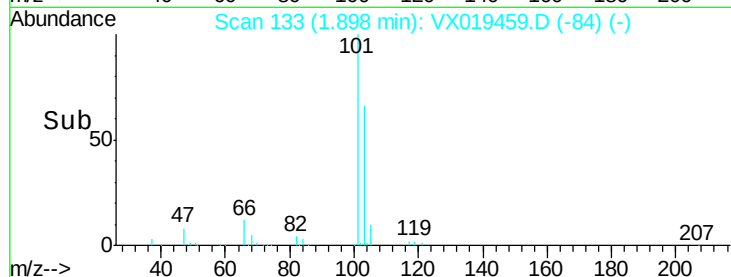
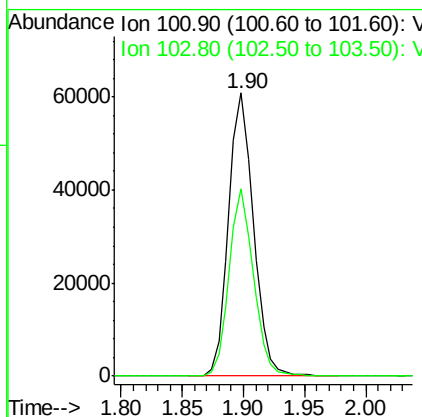
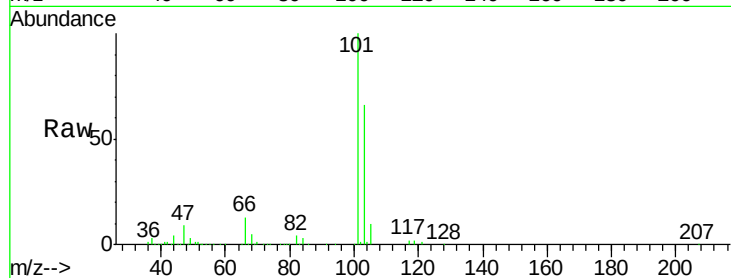
Trichlorofluoromethane
Concen: 18.495 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.8	77.8

Manual Integrations
APPROVED

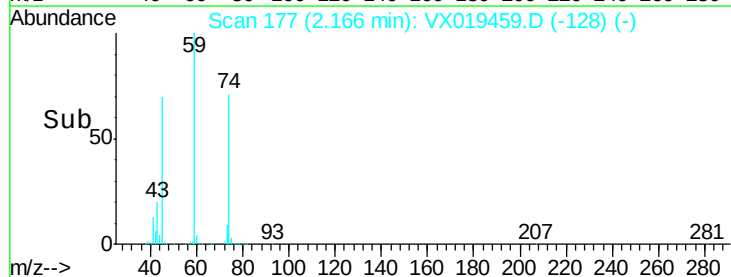
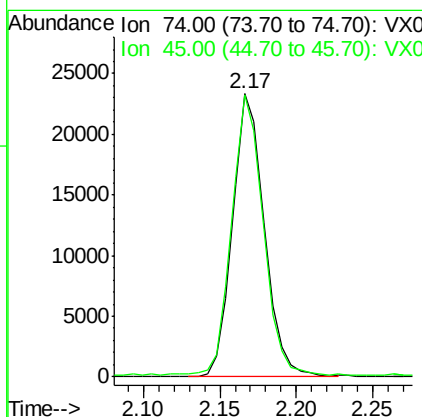
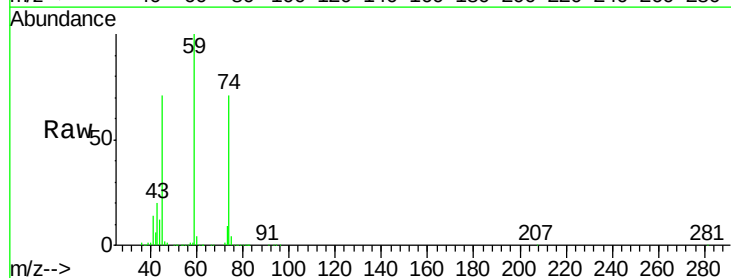
MMDadoda
11/19/2020 11:58:39 AM

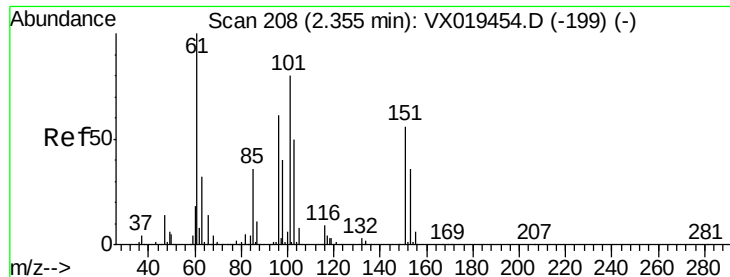


#8

Diethyl Ether
Concen: 18.139 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	48.8	146.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.334 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

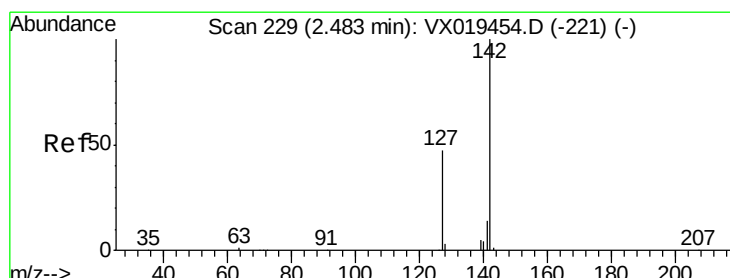
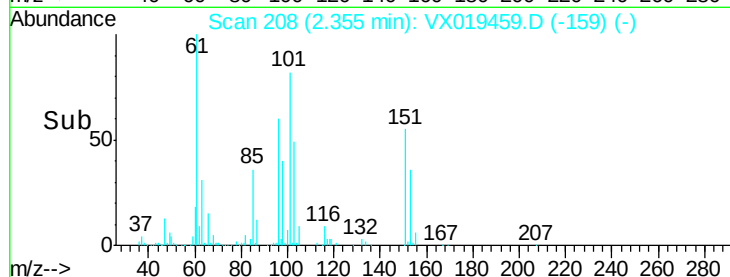
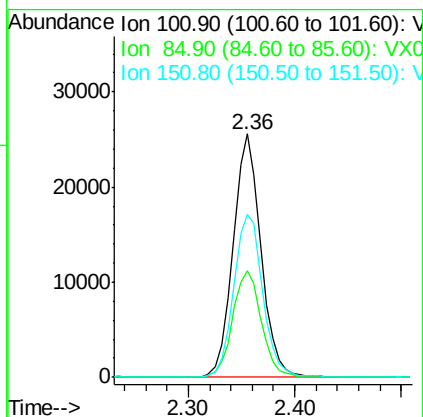
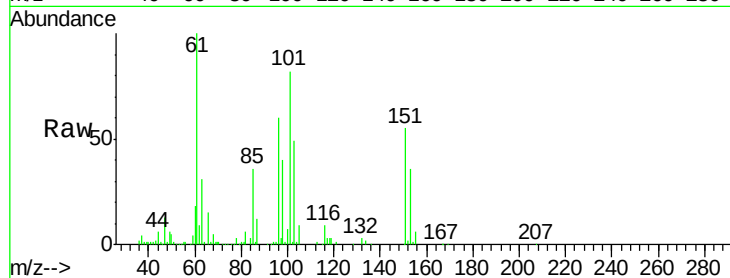
ClientSampleId :

VX1119WBS01

Tot Ion:	101	Resp:	46791
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.9	55.3
151	70.2	56.8	85.2

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM



#10

Methyl Iodide

Concen: 16.006 ug/l

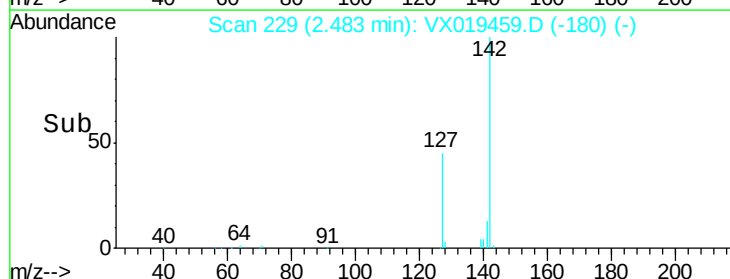
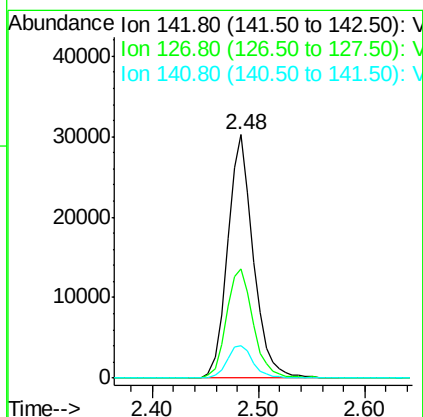
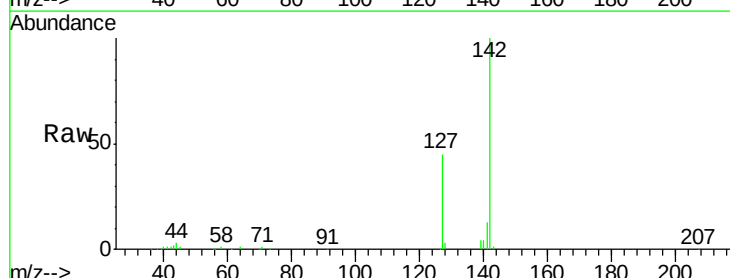
RT: 2.48 min Scan# 229

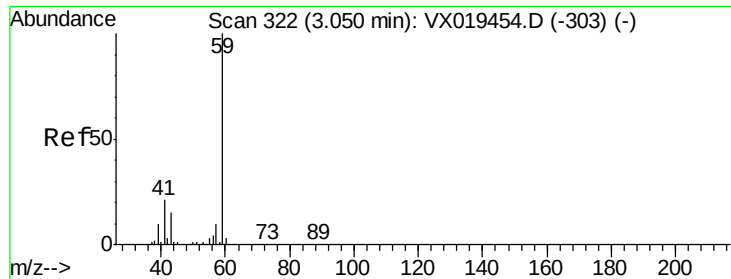
Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Tgt Ion:	142	Resp:	50975
Ion Ratio	Lower	Upper	
142	100		
127	46.9	37.8	56.6
141	13.7	11.4	17.2





#11

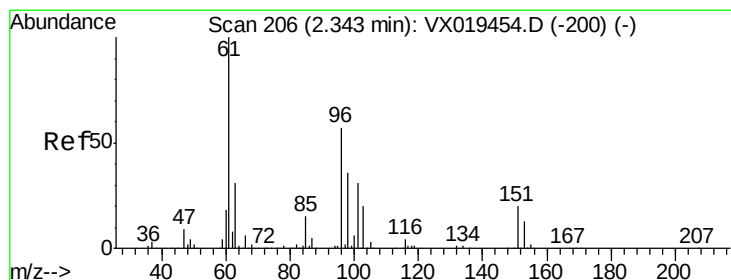
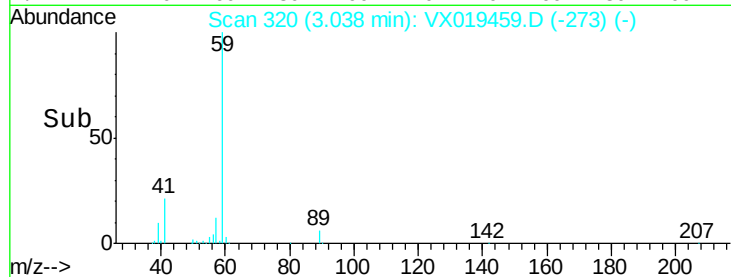
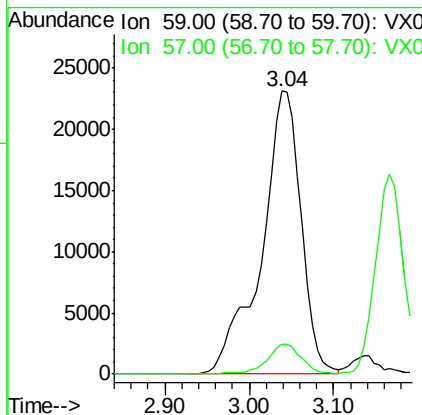
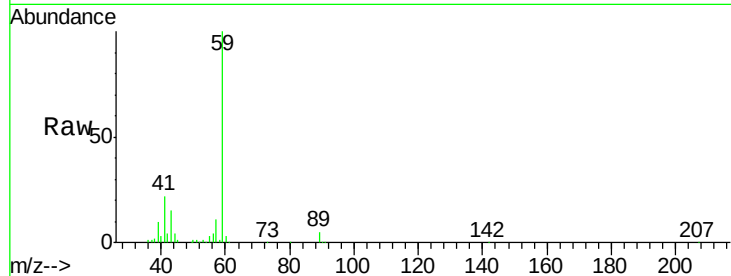
Tert butyl alcohol
Concen: 108.137 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.4	12.6

Manual Integrations
APPROVED

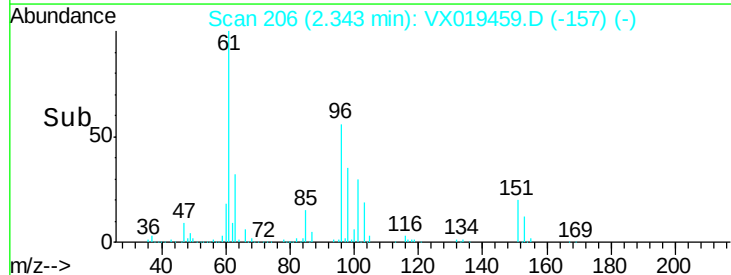
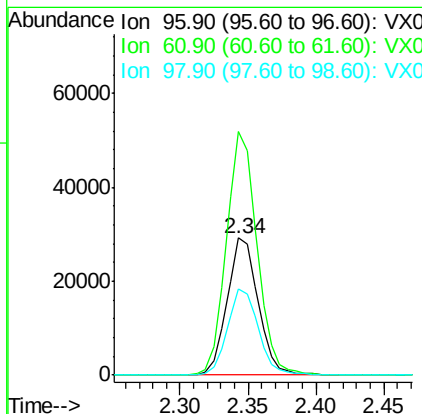
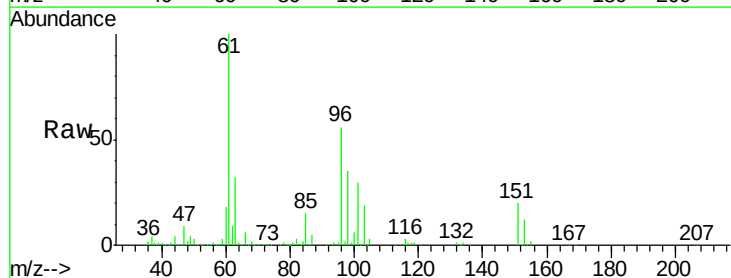
MMDadoda
11/19/2020 11:58:39 AM

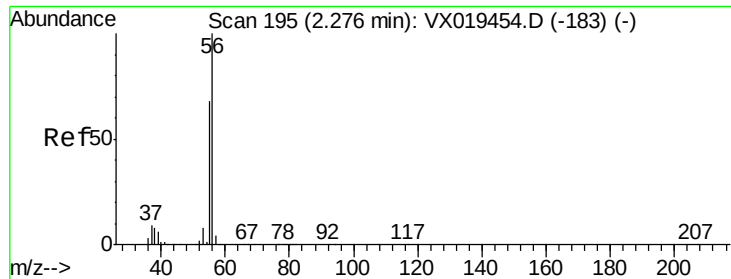


#12

1,1-Dichloroethene
Concen: 18.049 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.0	139.2	208.8
98	62.5	50.3	75.5





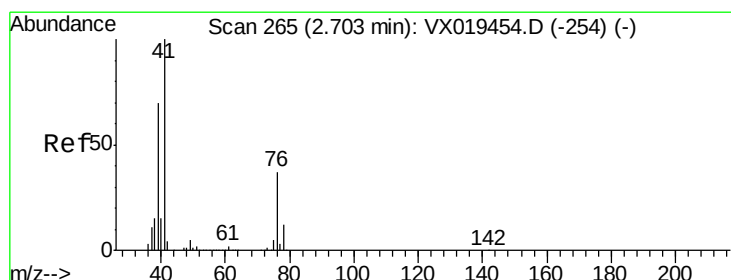
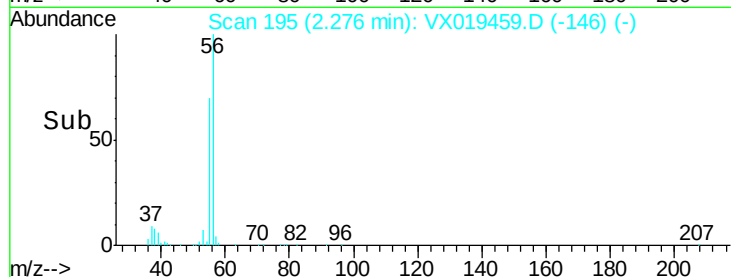
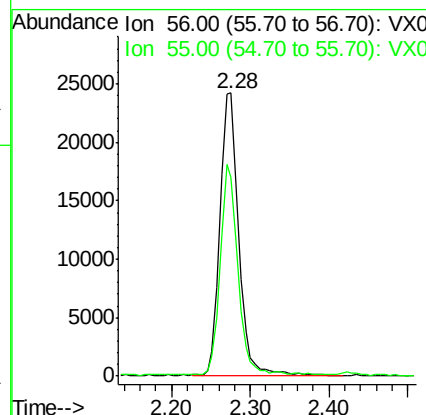
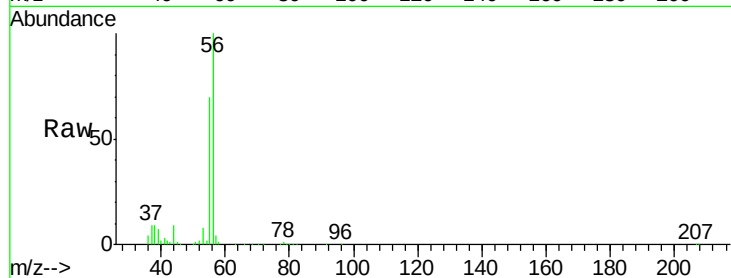
#13
Acrolein
Concen: 81.625 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.9	55.9	83.9

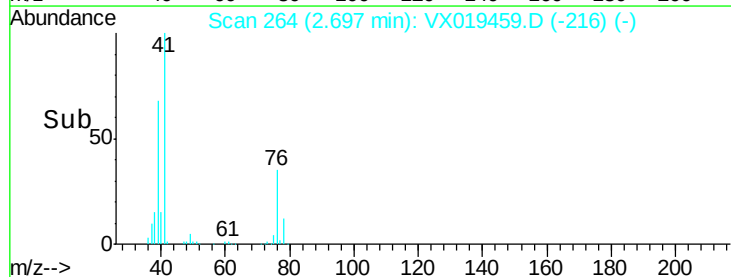
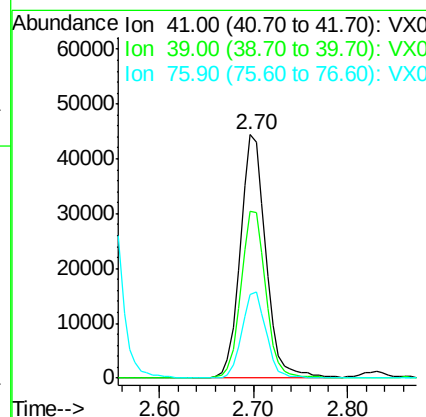
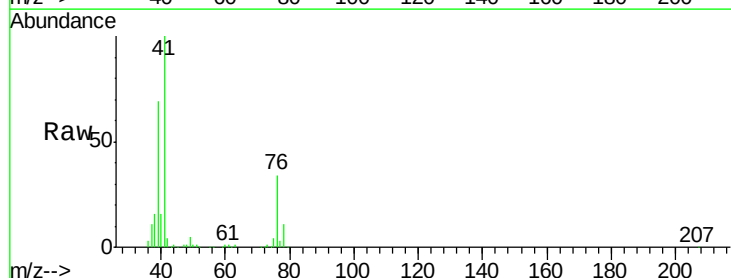
Manual Integrations
APPROVED

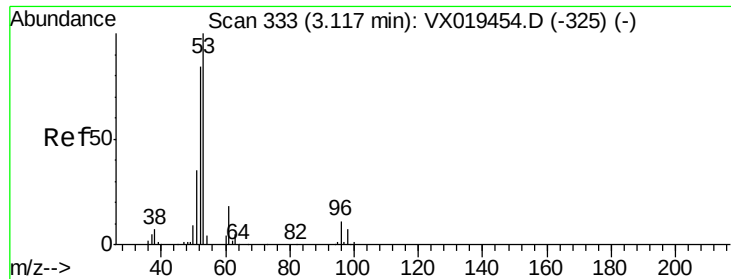
MMDadoda
11/19/2020 11:58:39 AM



#14
Allyl chloride
Concen: 18.484 ug/l
RT: 2.70 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.3	53.2	79.8
76	33.7	27.5	41.3





#15

Acrylonitrile

Concen: 92.841 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

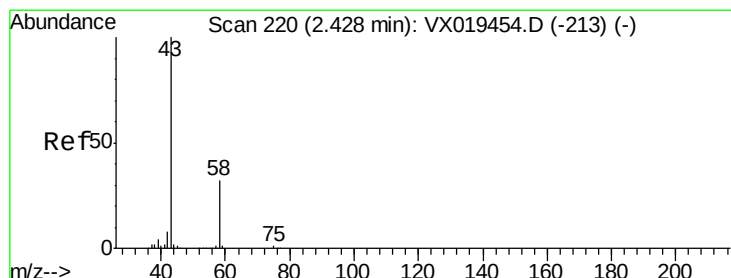
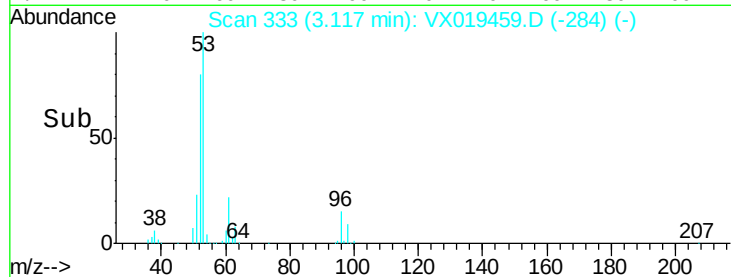
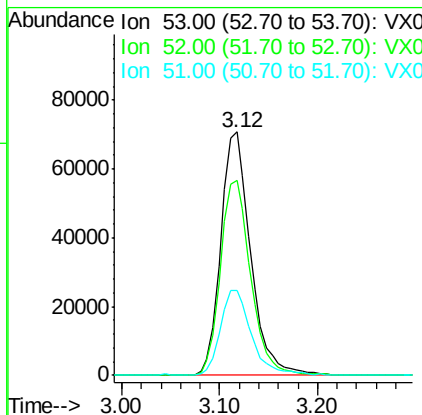
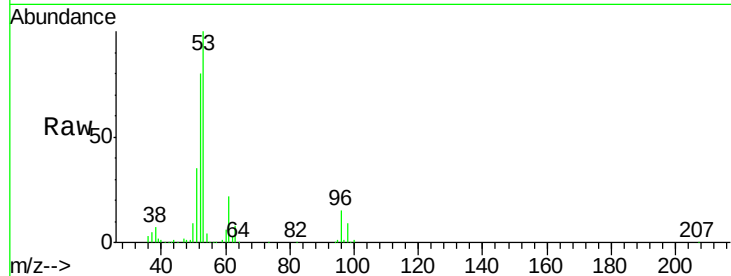
ClientSampleId :

VX1119WBS01

Tot Ion:	53	Resp:	148876
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.3	99.5
51	36.3	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM



#16

Acetone

Concen: 89.943 ug/l

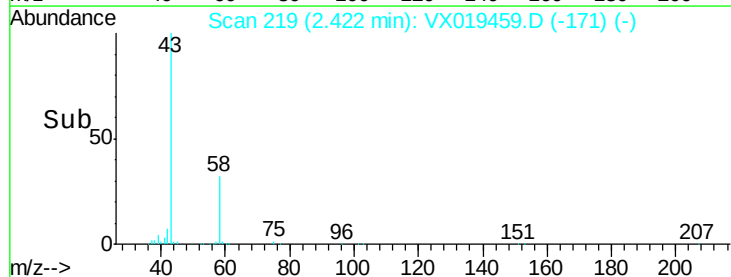
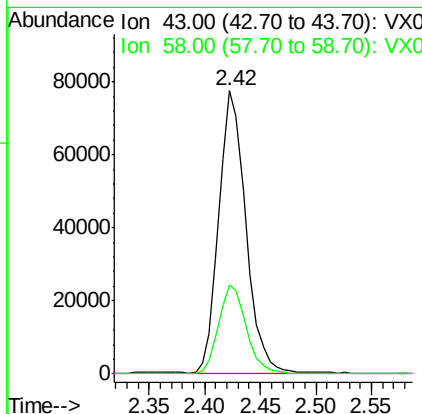
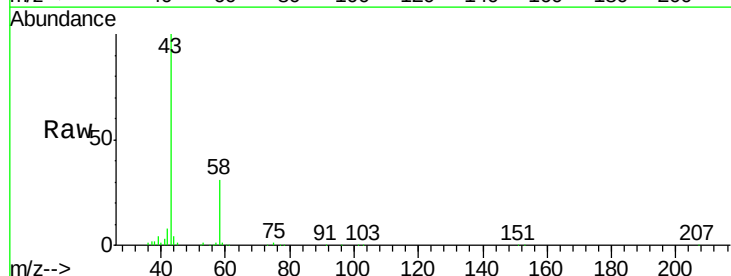
RT: 2.42 min Scan# 219

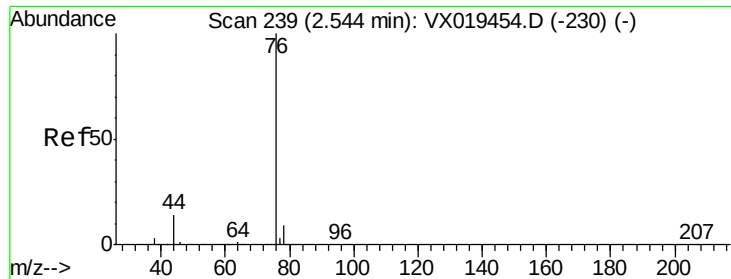
Delta R.T. -0.01 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Tgt Ion:	43	Resp:	130158
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.4	38.0





#17

Carbon Disulfide

Concen: 18.350 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 76 Resp: 128217

Ion Ratio Lower Upper

76 100

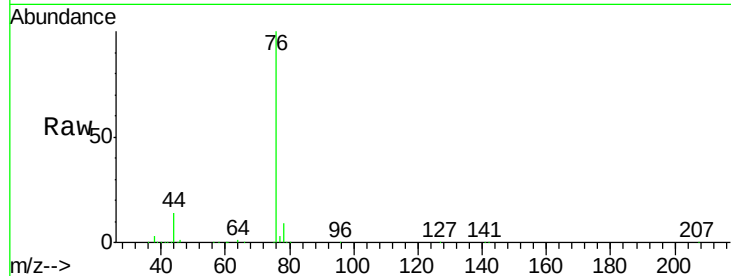
78 8.8 7.4 11.2

Manual Integrations

APPROVED

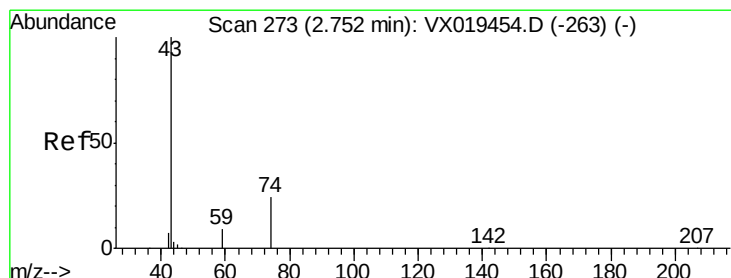
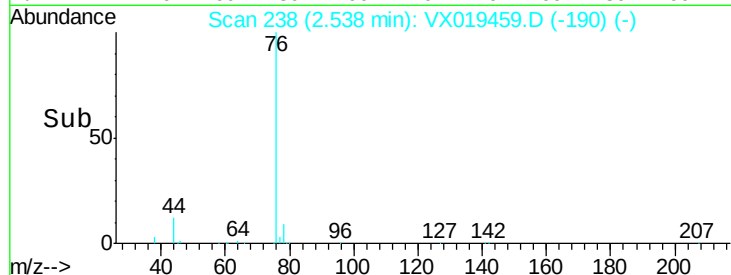
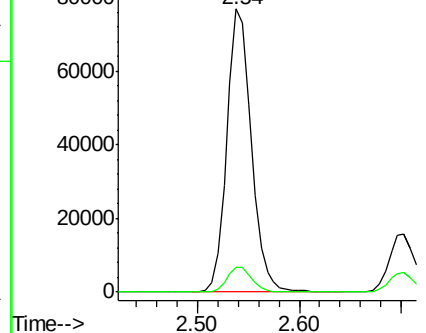
MMDadoda

11/19/2020 11:58:39 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.058 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019459.D

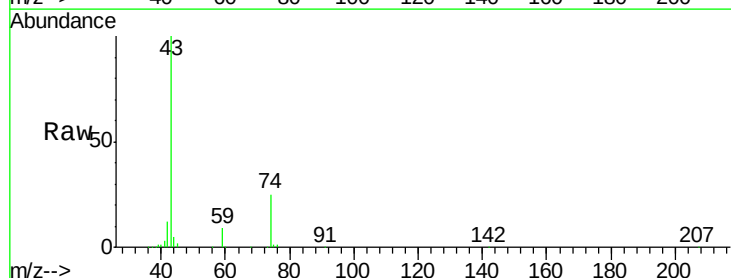
Acq: 18 Nov 2020 18:36

Tgt Ion: 43 Resp: 64281

Ion Ratio Lower Upper

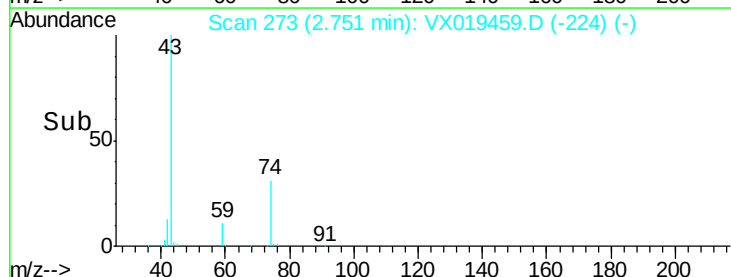
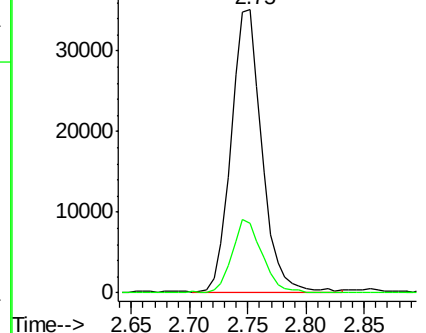
43 100

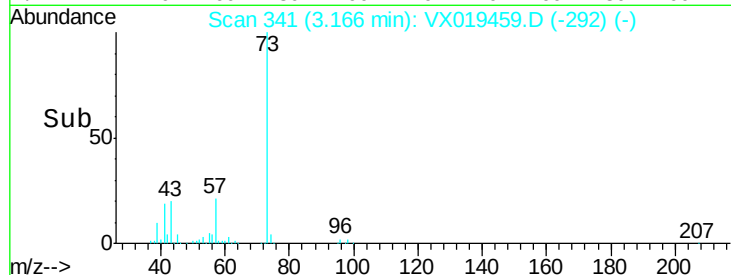
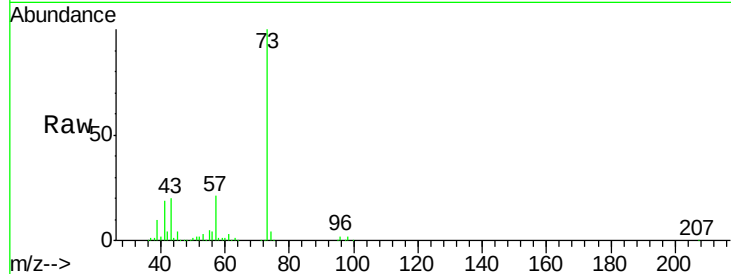
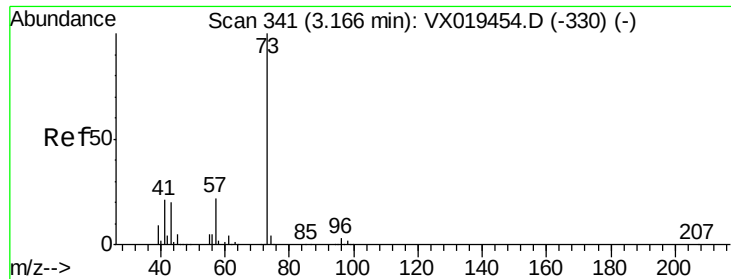
74 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





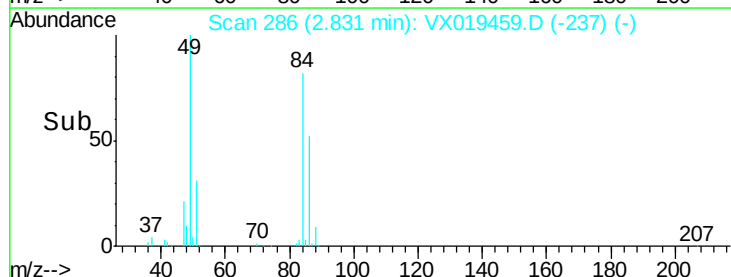
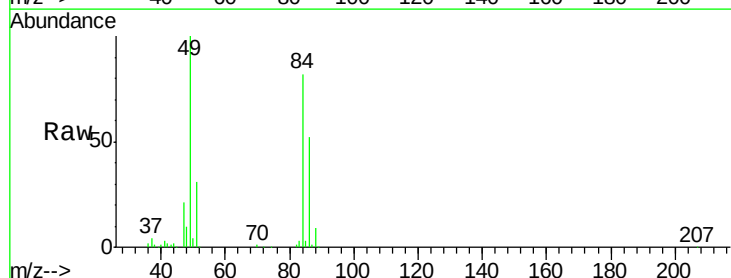
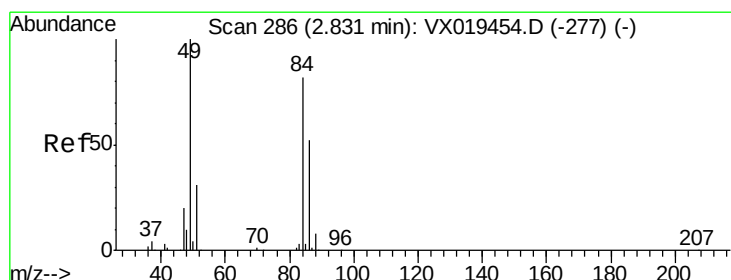
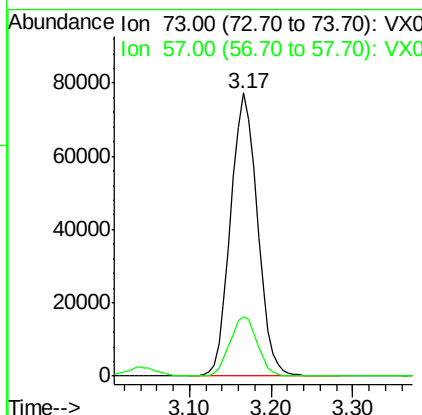
#19
Methyl tert-butyl Ether
Concen: 18.908 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tot Ion: 73 Resp: 175902
Ion Ratio Lower Upper
73 100
57 21.1 17.5 26.3

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

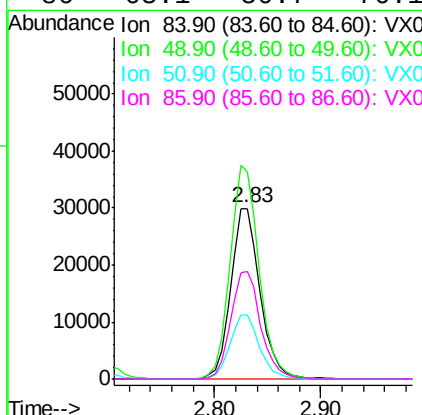
Manual Integrations
APPROVED

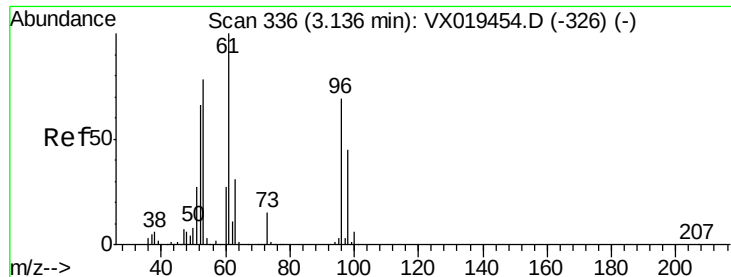
MMDadoda
11/19/2020 11:58:39 AM



#20
Methylene Chloride
Concen: 17.655 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion: 84 Resp: 57843
Ion Ratio Lower Upper
84 100
49 122.1 97.6 146.4
51 37.8 30.6 45.8
86 63.1 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.748 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 96 Resp: 53396

Ion Ratio Lower Upper

96 100

61 145.2 116.0 174.0

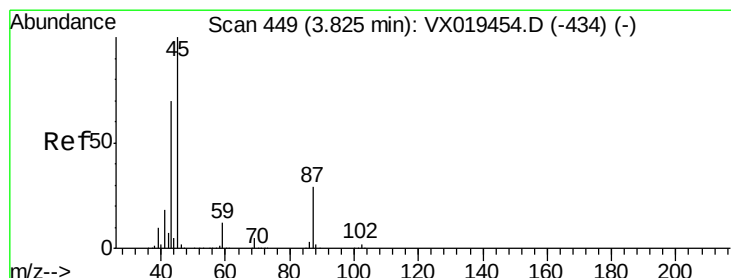
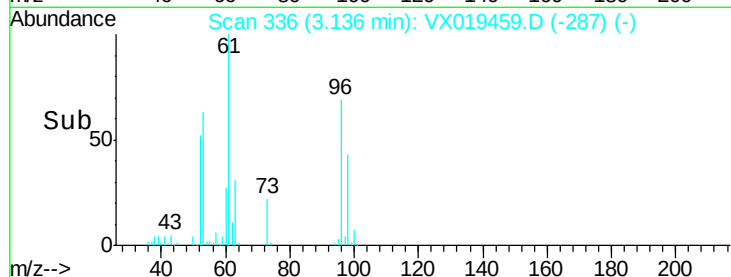
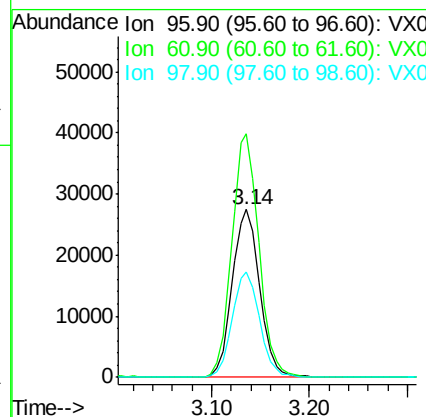
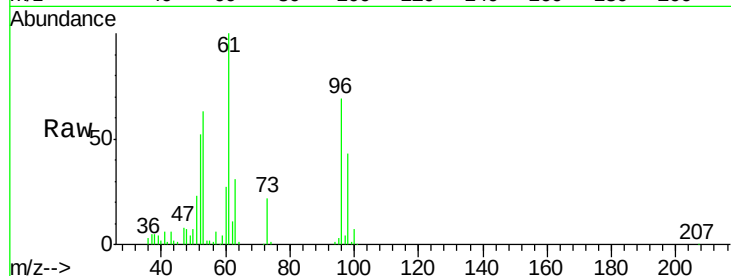
98 63.1 51.8 77.6

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#22

Diisopropyl ether

Concen: 18.792 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Tgt Ion: 45 Resp: 172936

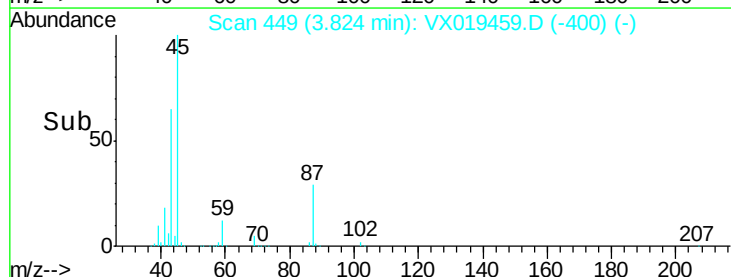
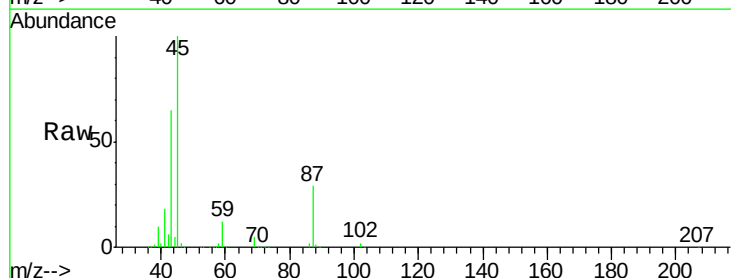
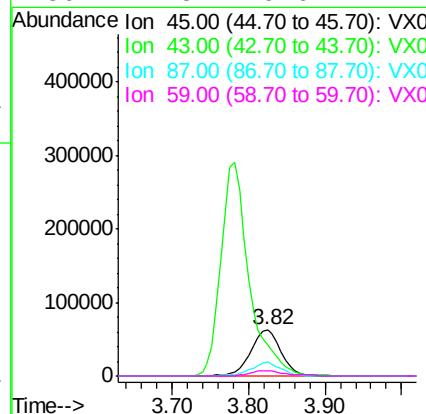
Ion Ratio Lower Upper

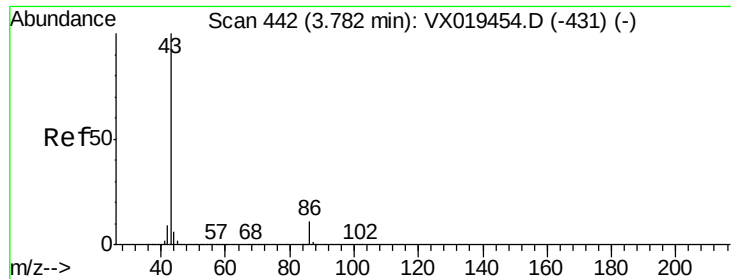
45 100

43 64.5 56.6 84.8

87 29.4 22.9 34.3

59 11.8 9.6 14.4





#23

Vinyl Acetate

Concen: 95.714 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 43 Resp: 747386

Ion Ratio Lower Upper

43 100

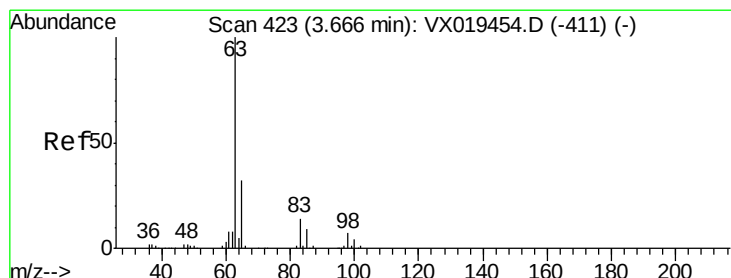
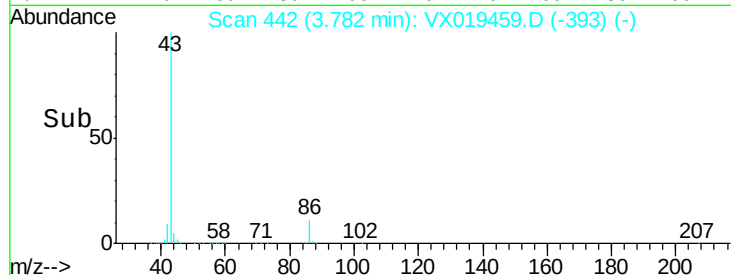
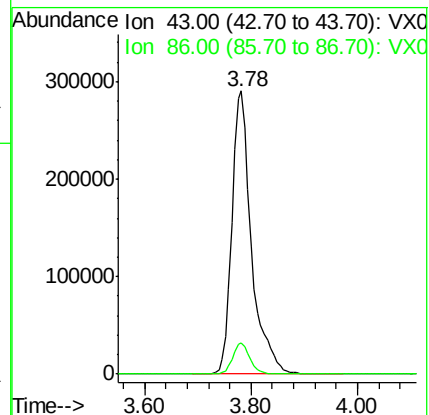
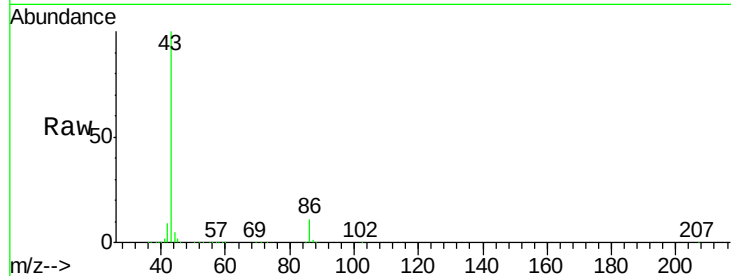
86 11.0 8.8 13.2

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#24

1,1-Dichloroethane

Concen: 18.275 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

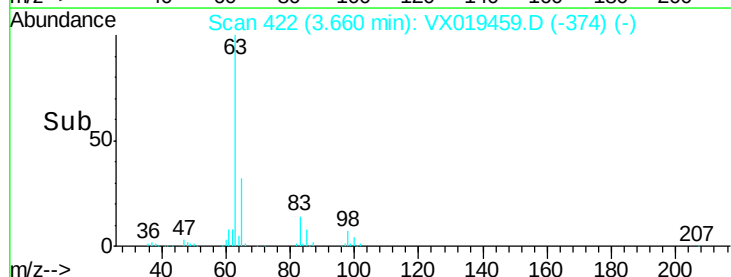
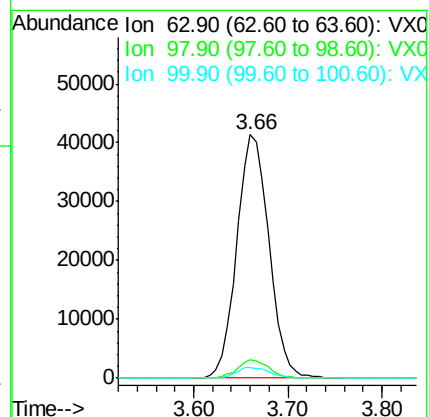
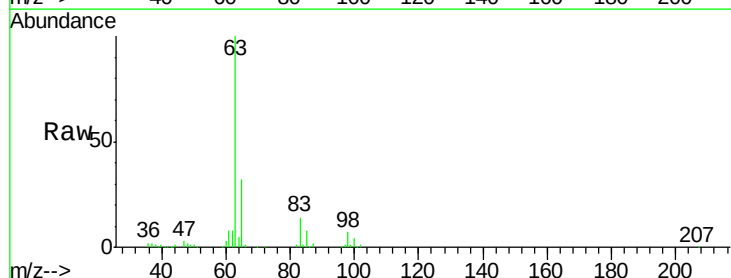
Tgt Ion: 63 Resp: 98701

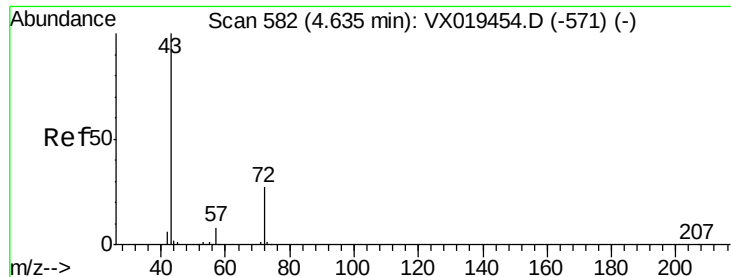
Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 95.244 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 43 Resp: 205625

Ion Ratio Lower Upper

43 100

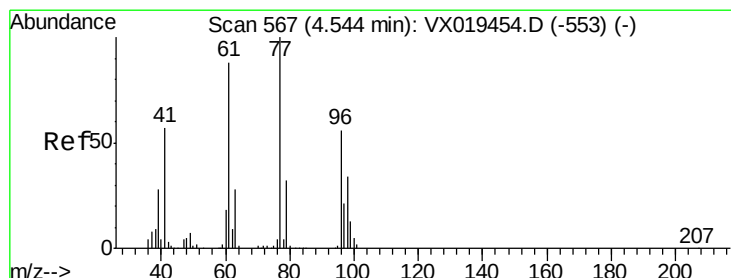
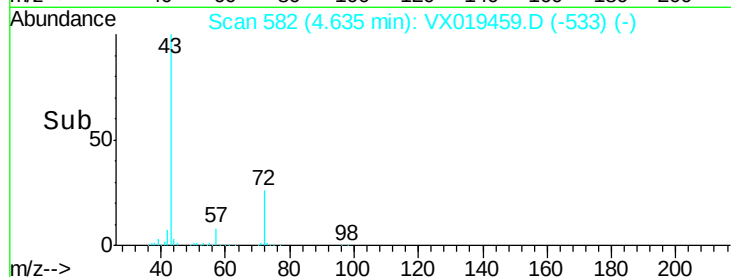
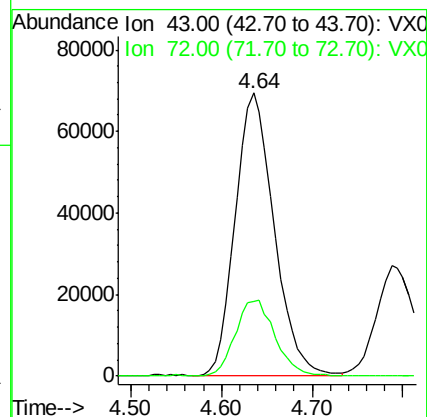
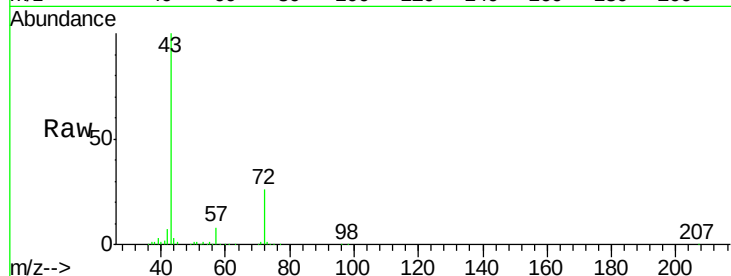
72 26.0 21.4 32.0

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#26

2,2-Dichloropropane

Concen: 18.670 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019459.D

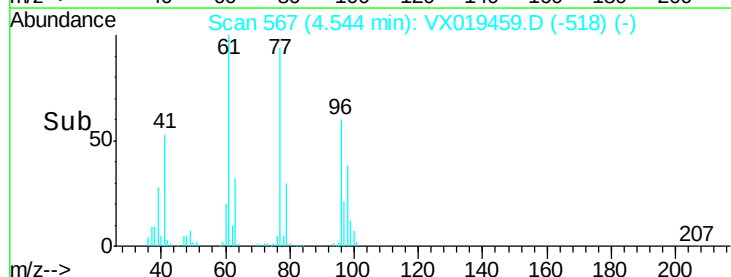
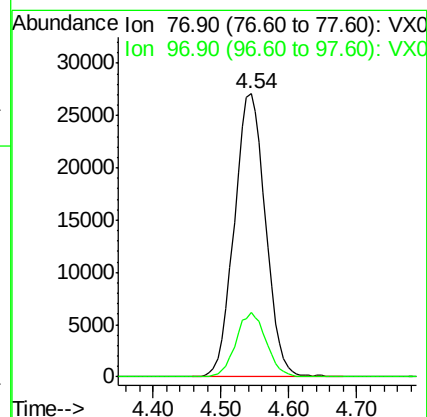
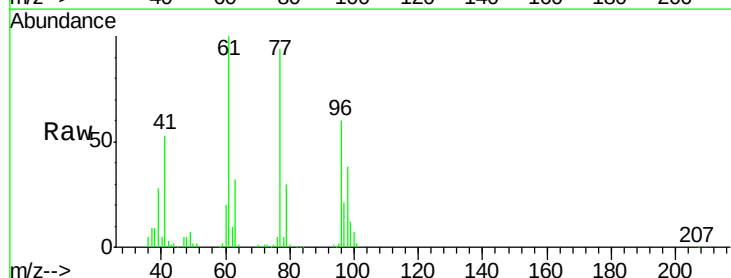
Acq: 18 Nov 2020 18:36

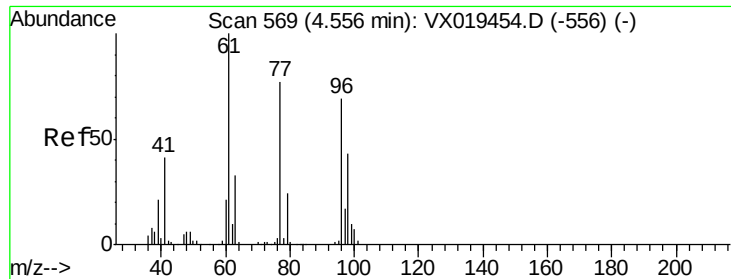
Tgt Ion: 77 Resp: 86118

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





#27

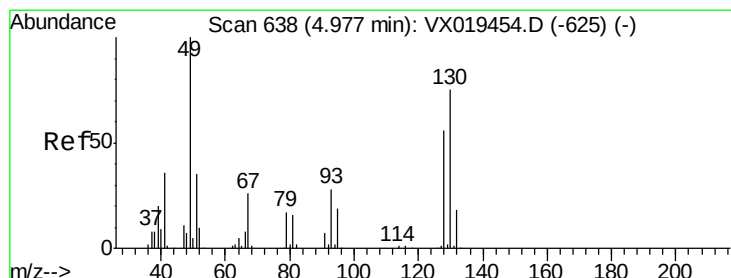
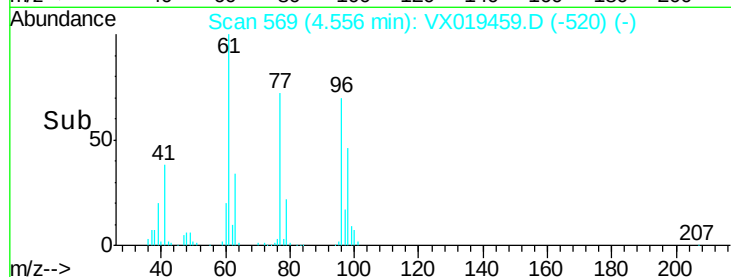
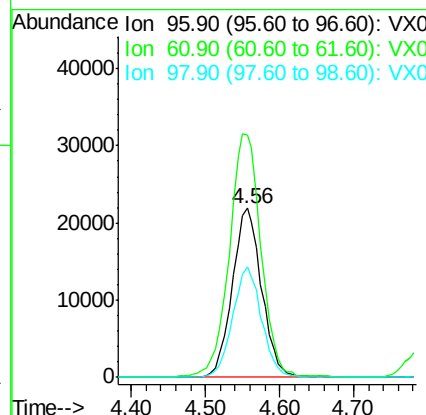
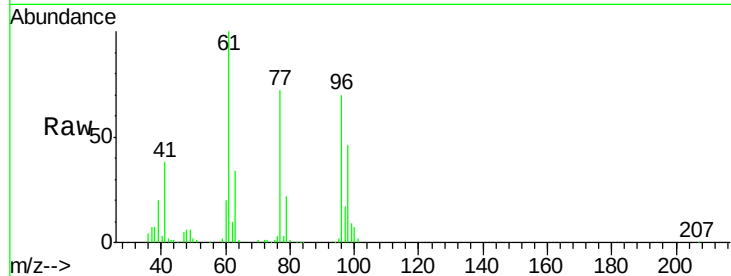
cis-1,2-Dichloroethene
Concen: 18.605 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.0	0.0	307.8
98	64.4	0.0	128.6

Manual Integrations
APPROVED

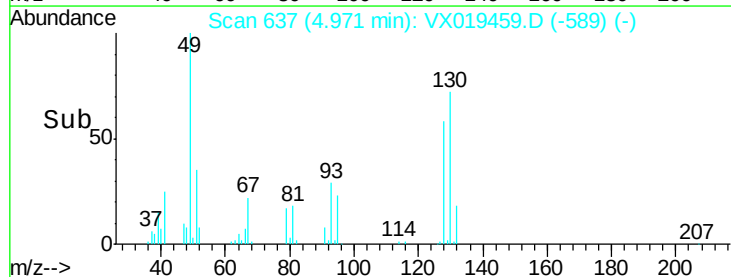
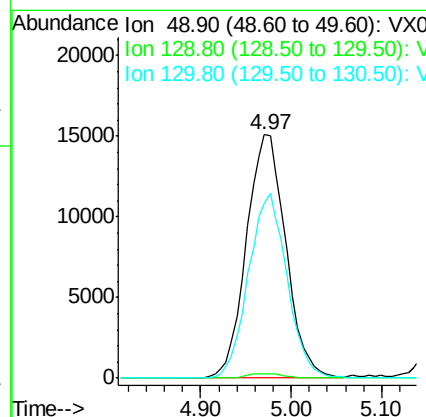
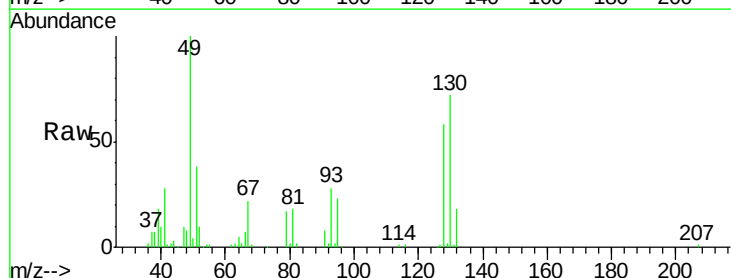
MMDadoda
11/19/2020 11:58:39 AM

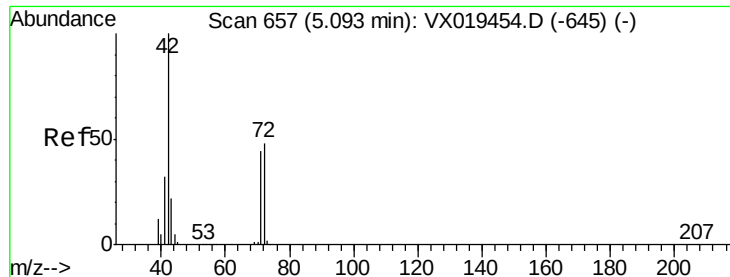


#28

Bromochloromethane
Concen: 17.713 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	74.1	59.2	88.8





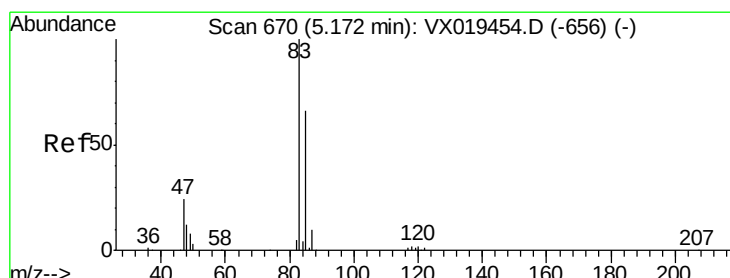
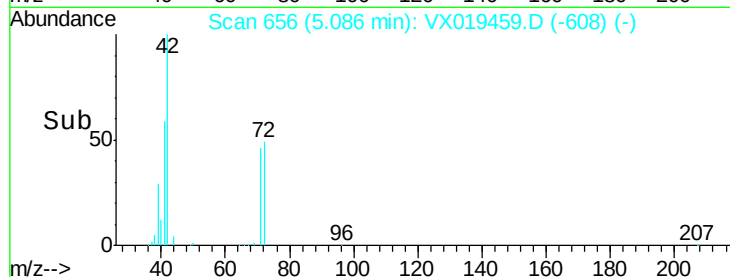
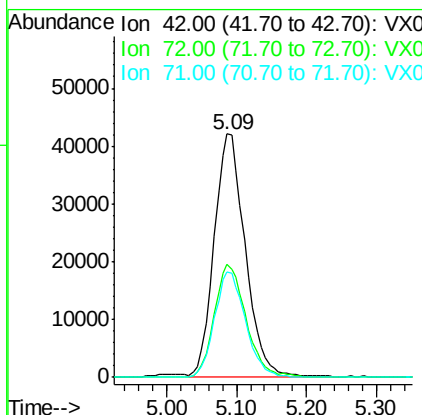
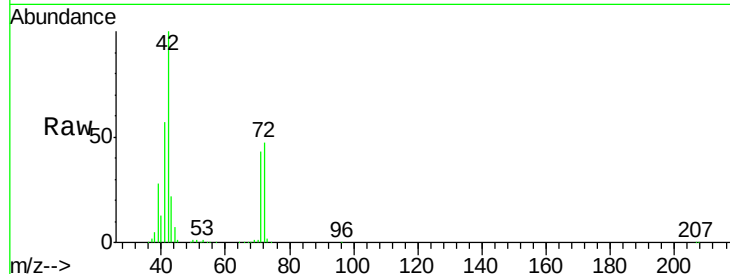
#29
Tetrahydrofuran
Concen: 92.748 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.1	57.1
71	43.8	34.6	51.8

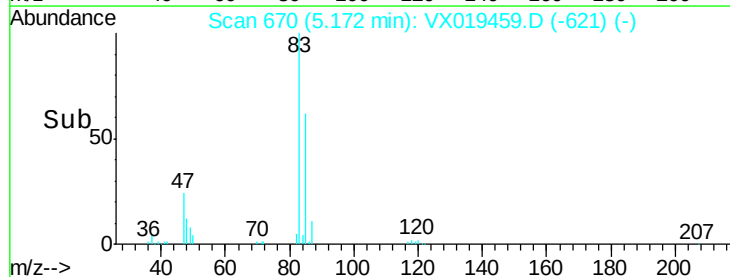
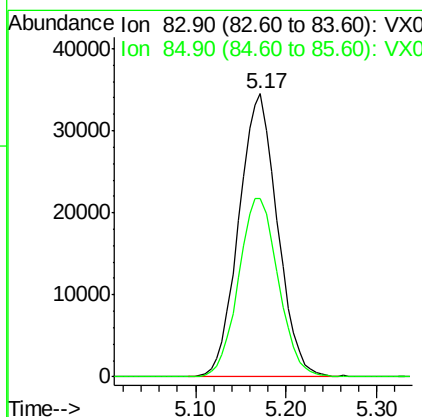
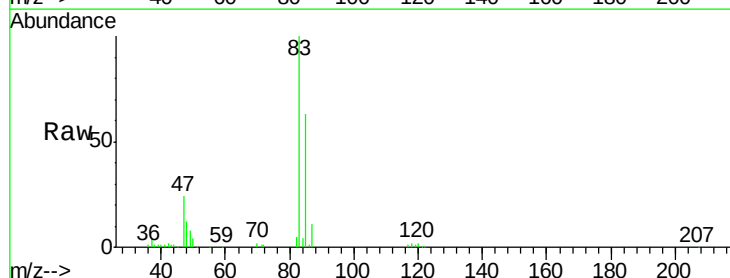
Manual Integrations
APPROVED

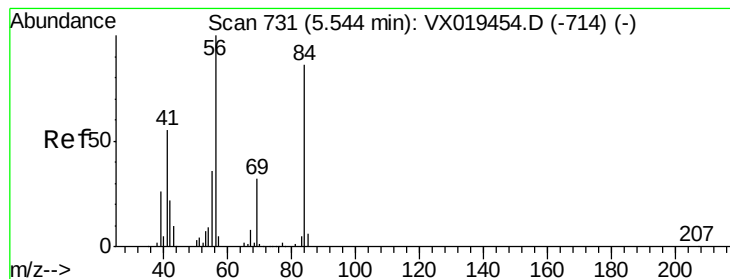
MMDadoda
11/19/2020 11:58:39 AM



#30
Chloroform
Concen: 18.469 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.4	78.6





#31

Cyclohexane

Concen: 18.406 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.01 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

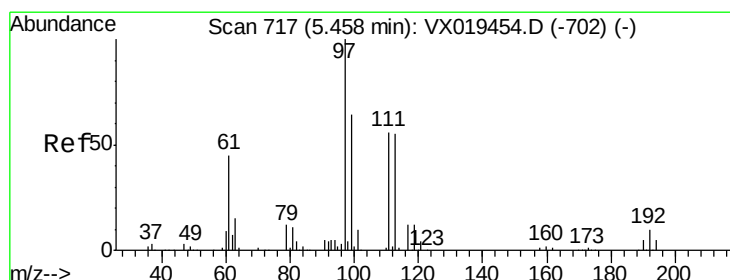
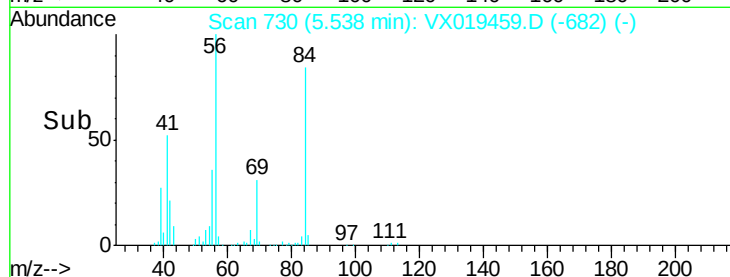
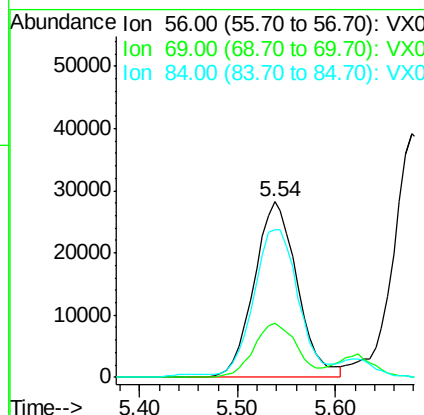
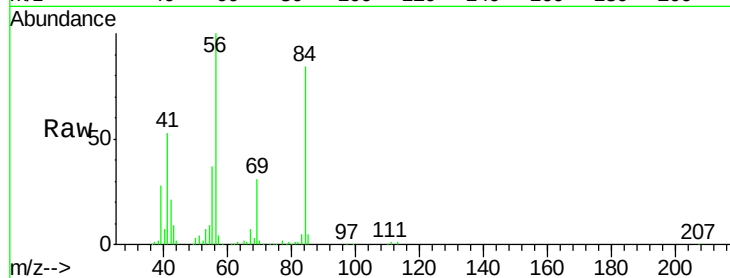
ClientSampleId :

VX1119WBS01

Tot Ion:	56	Resp:	86495
Ion Ratio	Lower	Upper	
56	100		
69	30.7	25.2	37.8
84	82.4	68.5	102.7

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM



#32

1,1,1-Trichloroethane

Concen: 18.590 ug/l

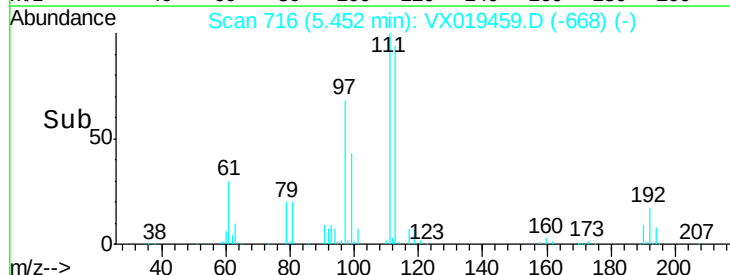
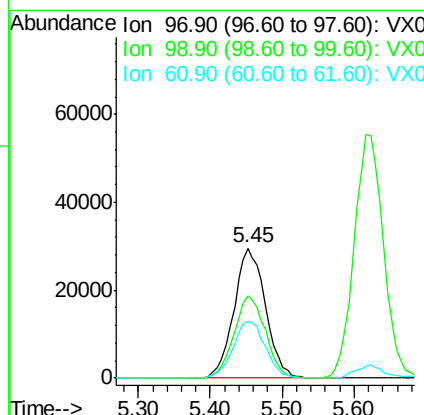
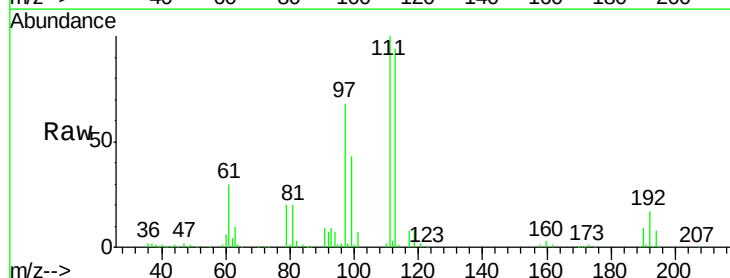
RT: 5.45 min Scan# 716

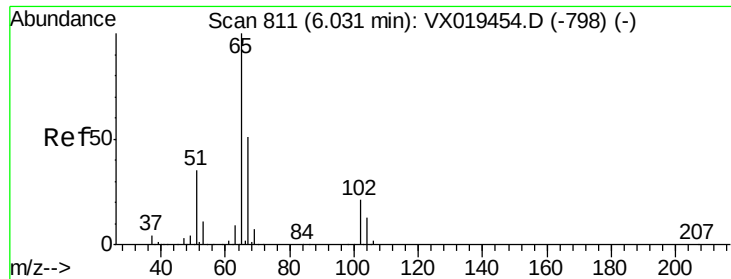
Delta R.T. -0.01 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Tgt Ion:	97	Resp:	89347
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.9	77.9
61	45.3	36.2	54.2





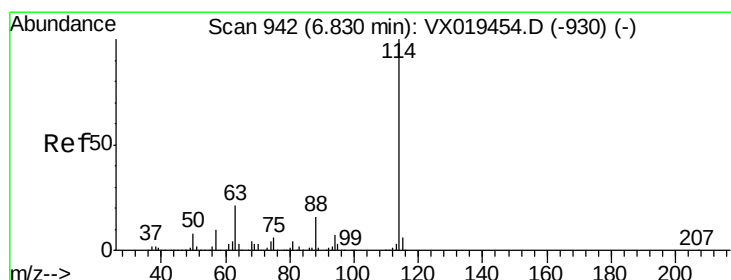
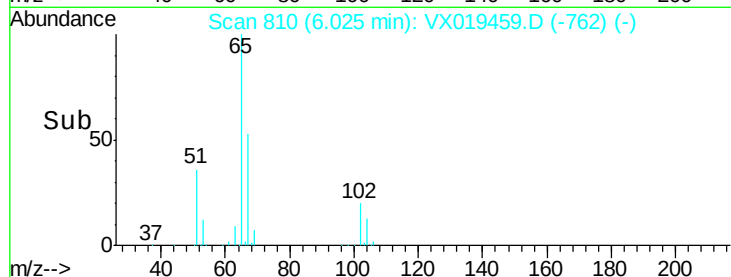
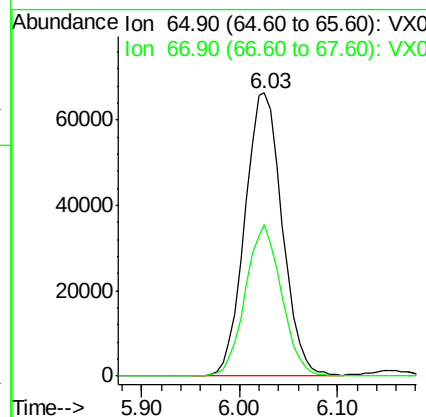
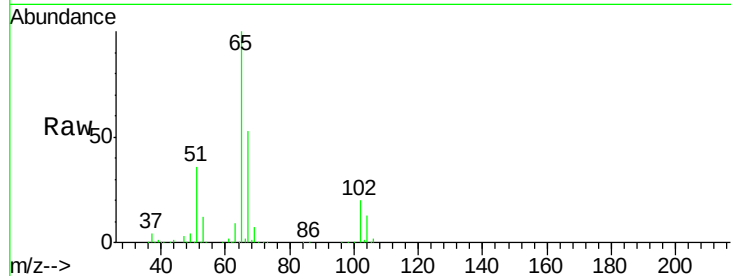
#33
 1,2-Dichloroethane-d4
 Concen: 47.255 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176804		
67	51.5	0.0	102.4	

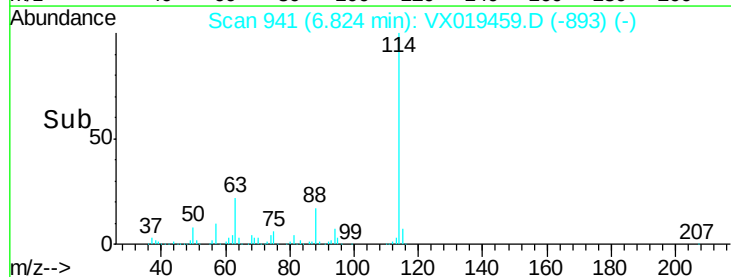
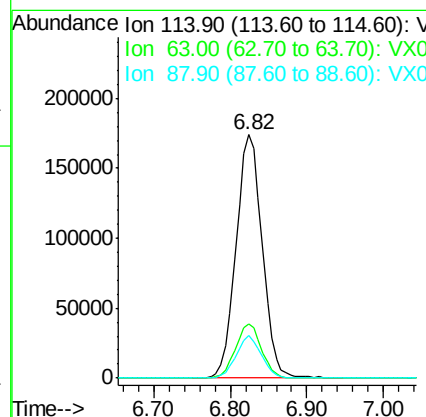
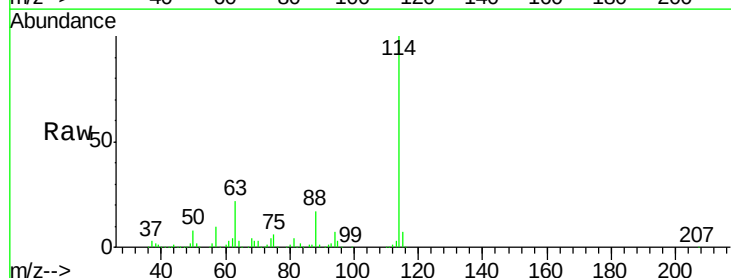
Manual Integrations
 APPROVED

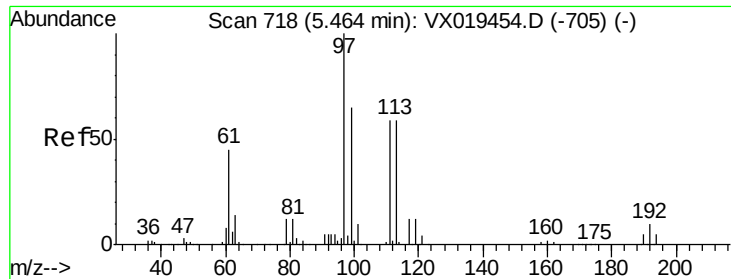
MMDadoda
 11/19/2020 11:58:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411526		
63	22.3	0.0	42.0	
88	17.3	0.0	32.0	





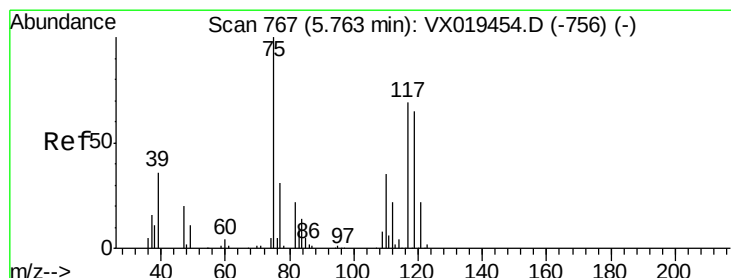
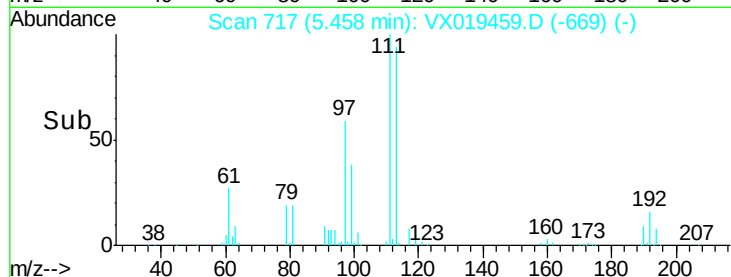
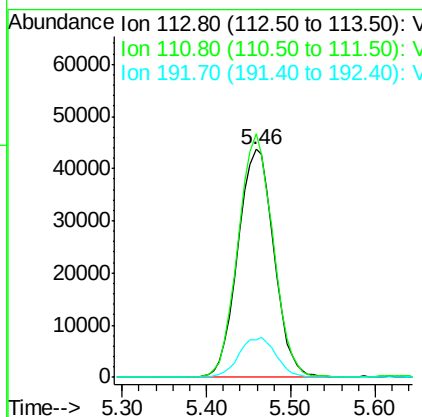
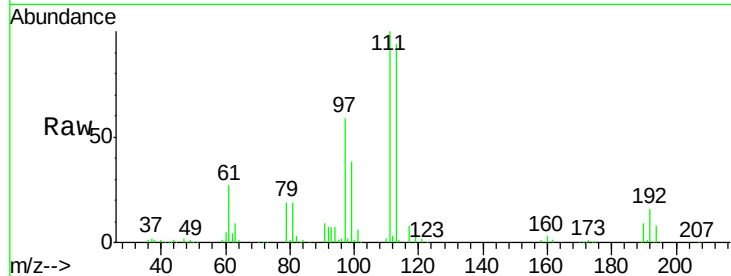
#35
Dibromofluoromethane
Concen: 46.742 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126571		
111	103.9	82.2	123.4	
192	18.0	14.2	21.4	

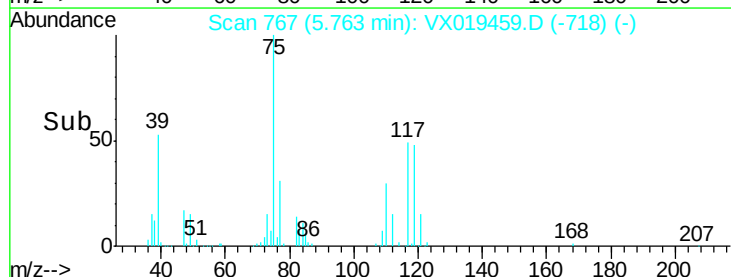
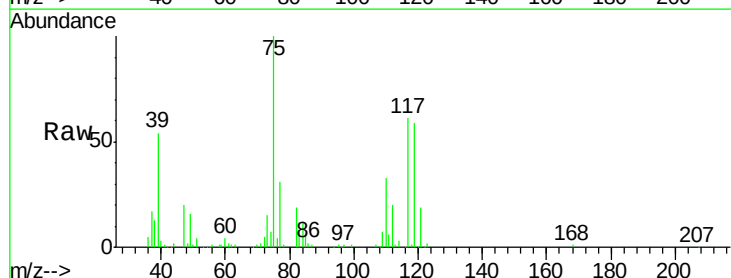
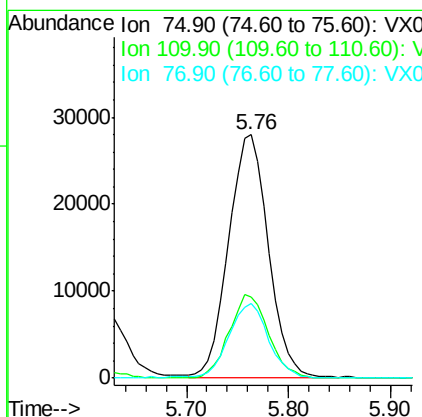
Manual Integrations
APPROVED

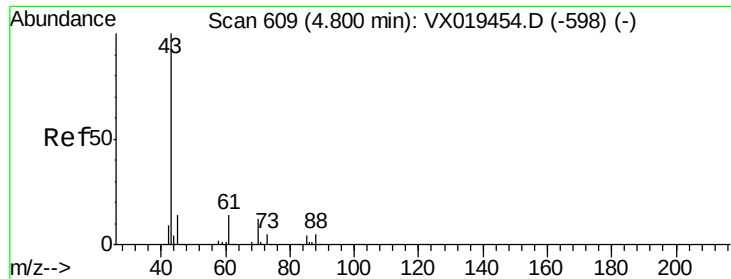
MMDadoda
11/19/2020 11:58:39 AM



#36
1,1-Dichloropropene
Concen: 18.246 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75267		
110	34.2	17.0	50.9	
77	31.3	24.7	37.1	





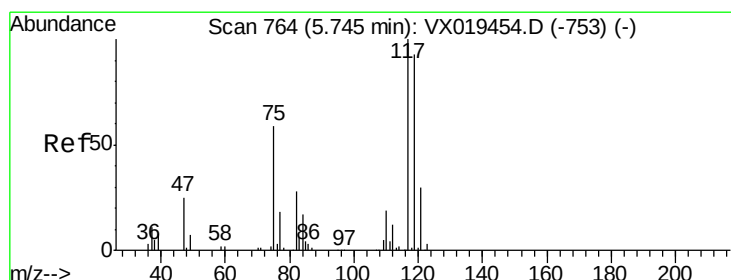
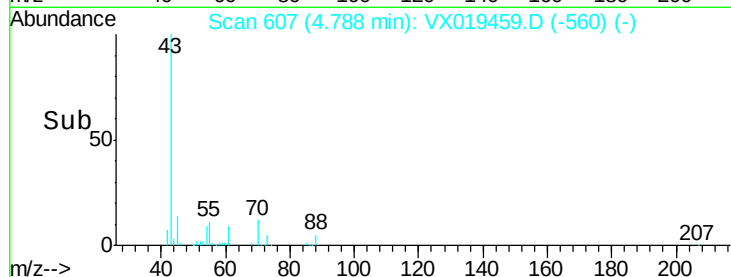
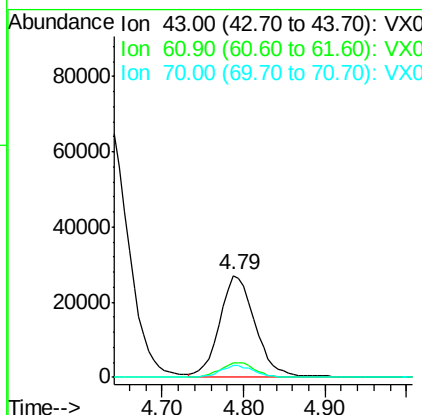
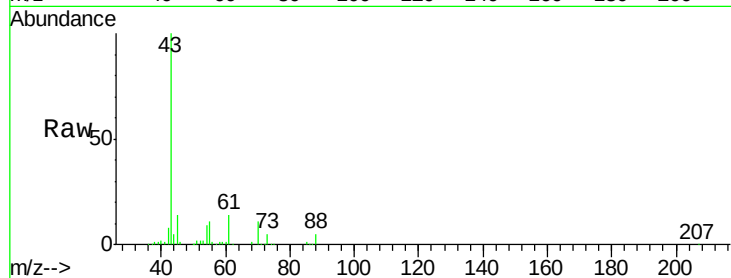
#37
Ethyl Acetate
Concen: 19.069 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.6	17.4
70	11.3	9.2	13.8

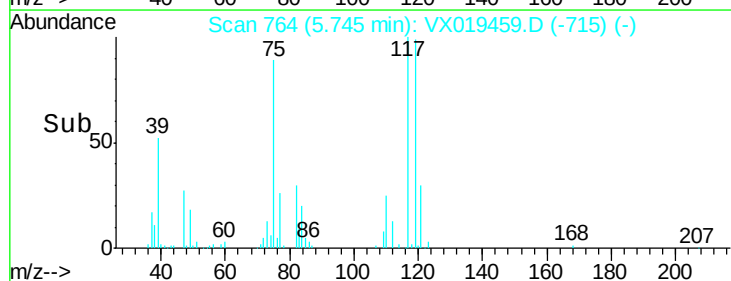
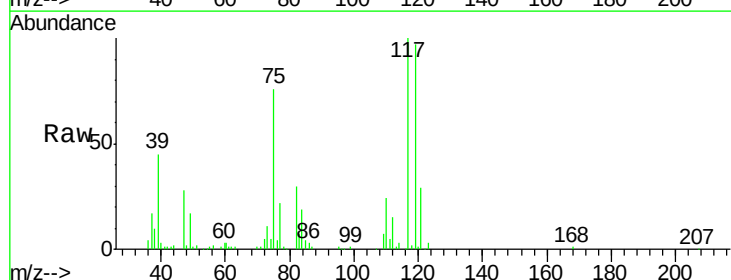
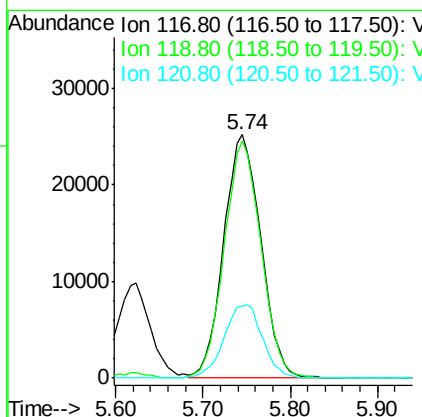
Manual Integrations
APPROVED

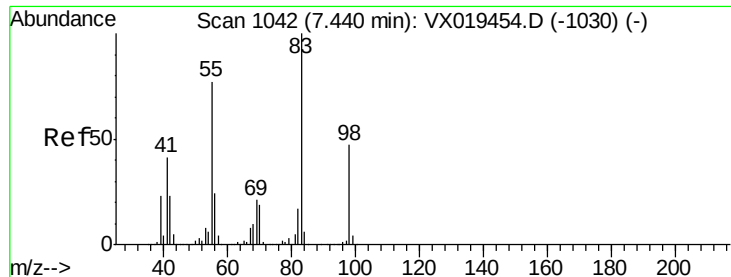
MMDadoda
11/19/2020 11:58:39 AM



#38
Carbon Tetrachloride
Concen: 18.281 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.1	111.1
121	29.4	23.6	35.4





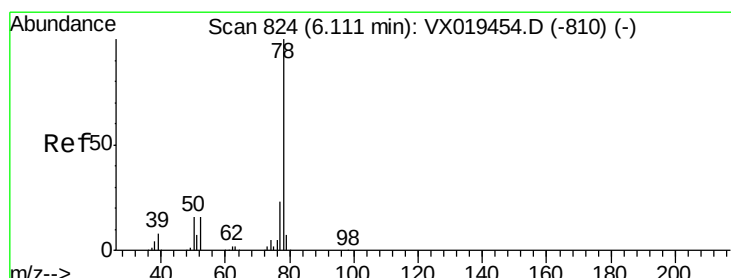
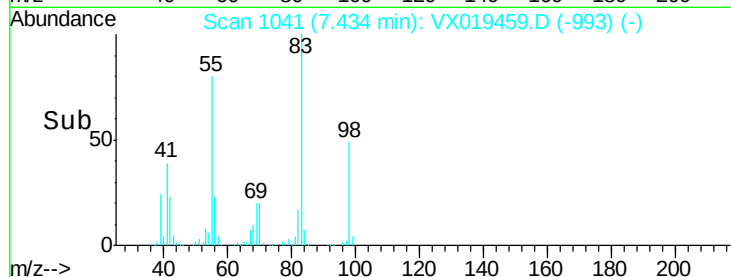
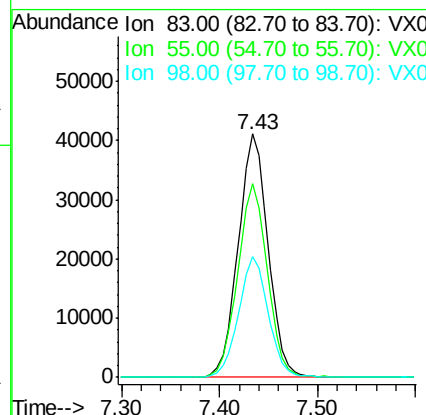
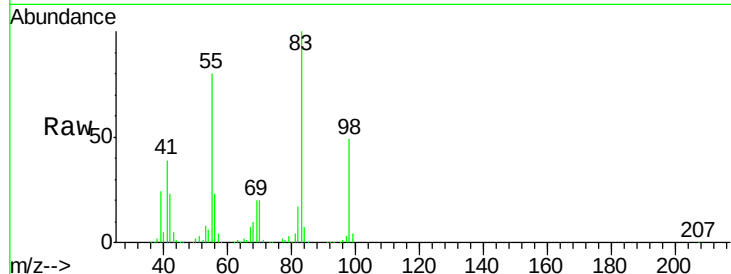
#39
Methylvlcyclohexane
Concen: 18.775 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.4	92.0
98	49.4	37.6	56.4

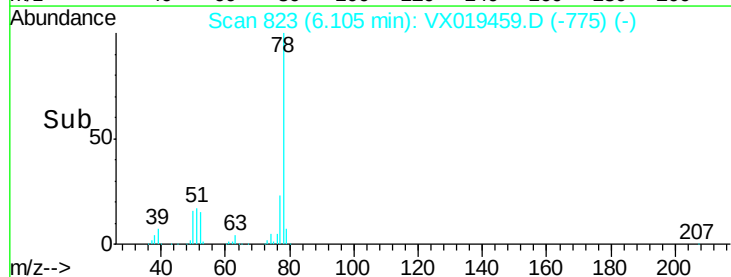
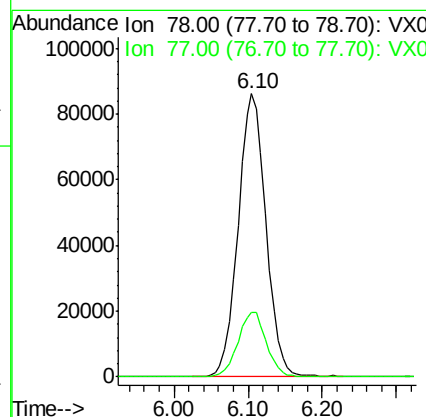
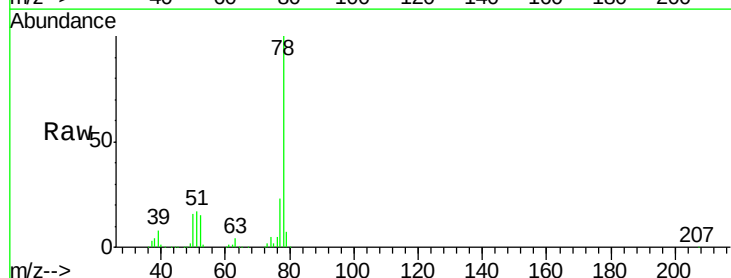
Manual Integrations
APPROVED

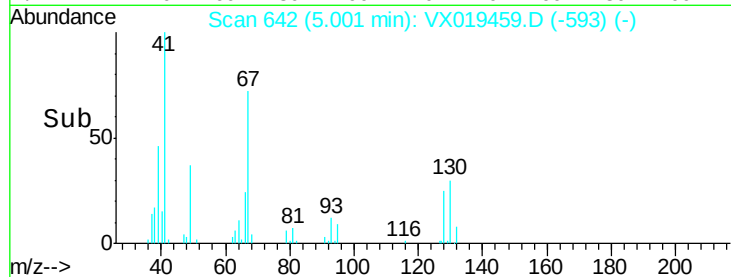
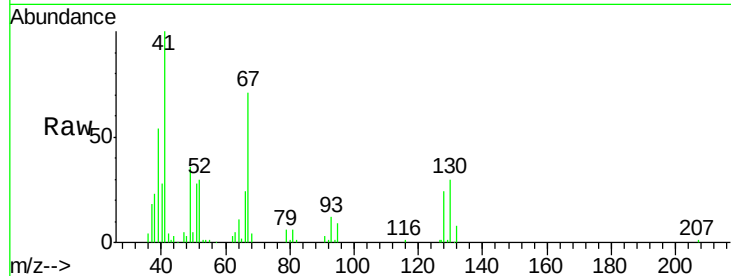
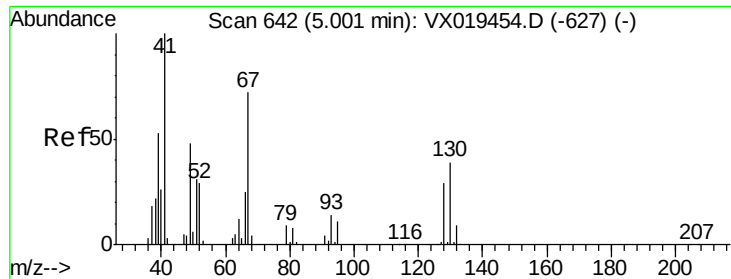
MMDadoda
11/19/2020 11:58:39 AM



#40
Benzene
Concen: 18.327 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





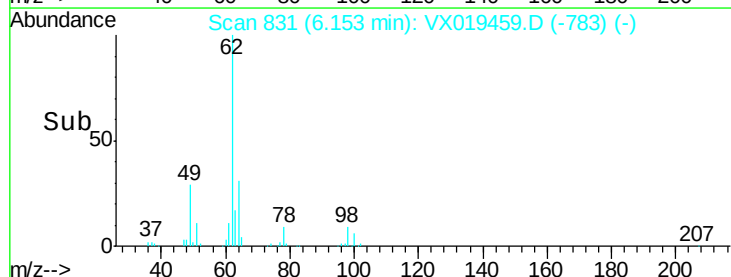
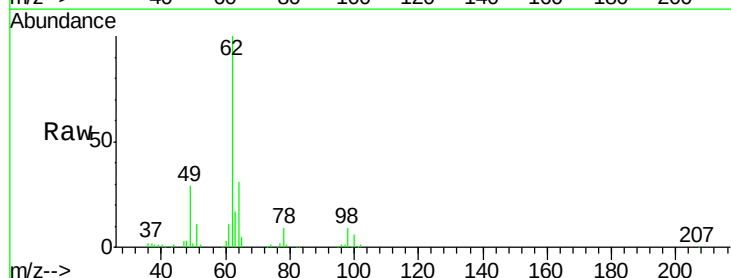
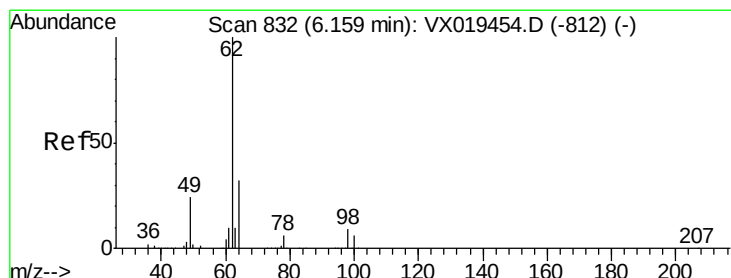
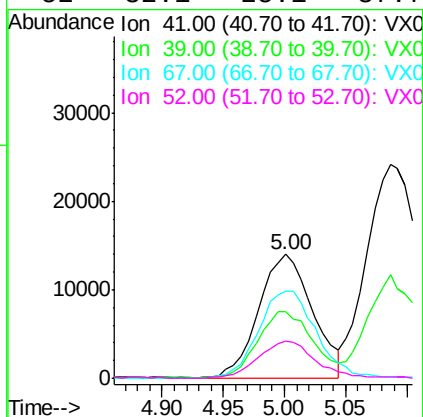
#41
Methacrylonitrile
Concen: 18.311 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	44.6	67.0	
67	77.1	60.6	91.0	
52	32.1	25.1	37.7	

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

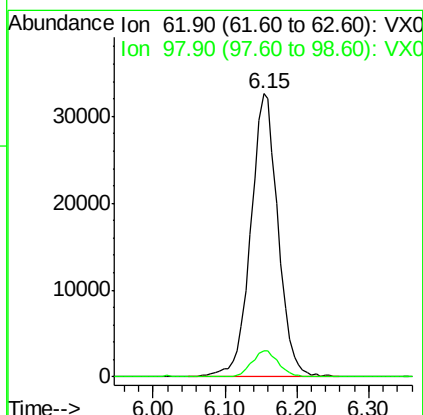
Manual Integrations
APPROVED

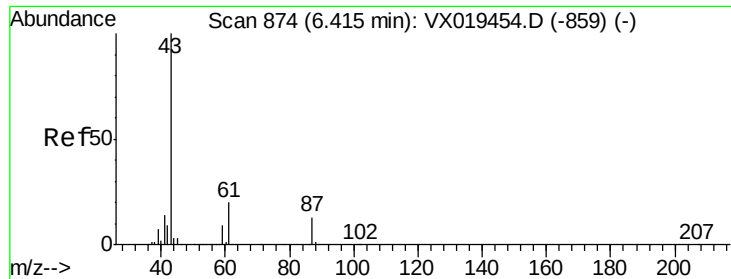
MMDadoda
11/19/2020 11:58:39 AM



#42
1,2-Dichloroethane
Concen: 18.408 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.8	





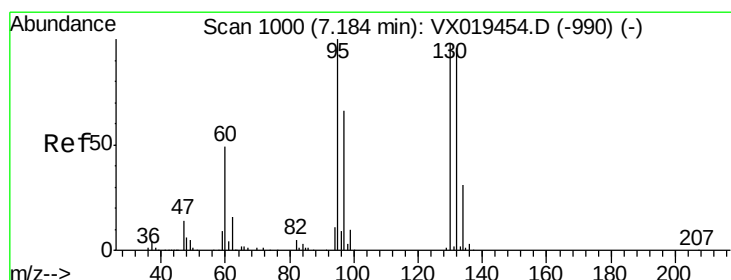
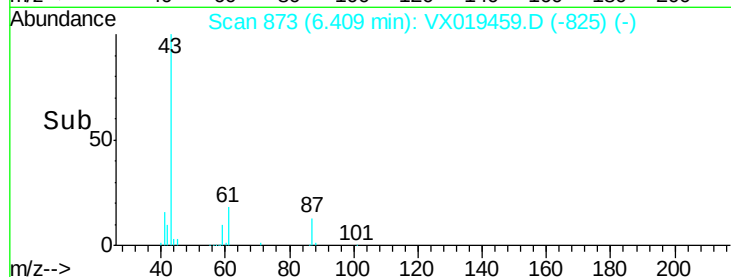
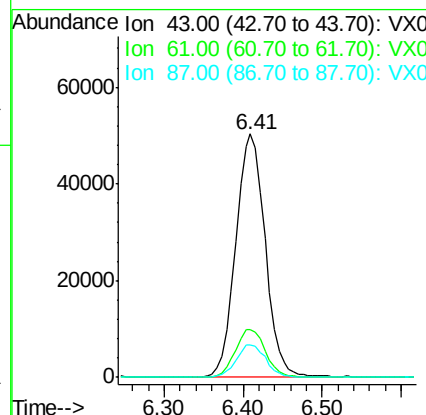
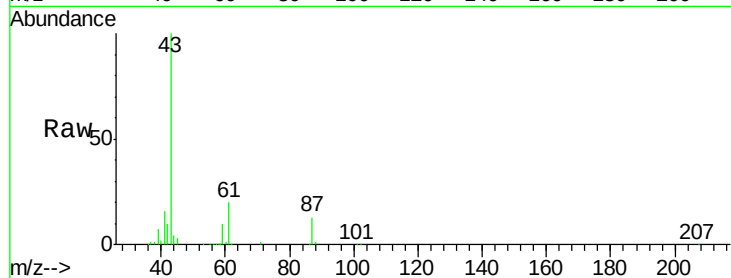
#43
Isopropyl Acetate
Concen: 18.495 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.6	10.7	16.1

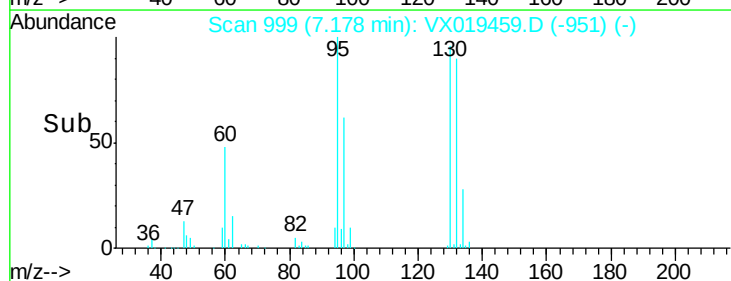
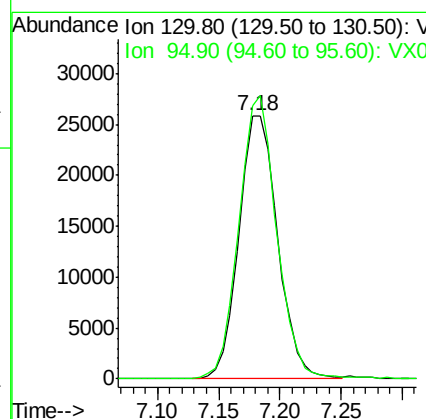
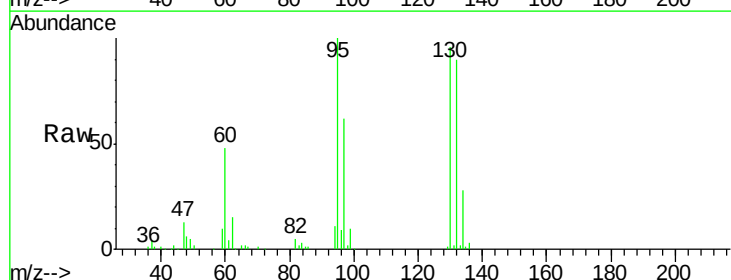
Manual Integrations
APPROVED

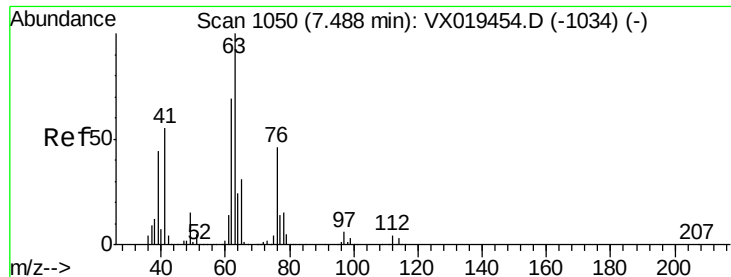
MMDadoda
11/19/2020 11:58:39 AM



#44
Trichloroethene
Concen: 18.387 ug/l
RT: 7.18 min Scan# 999
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	204.4





#45

1,2-Dichloropropane

Concen: 18.445 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion: 63 Resp: 58784

Ion Ratio Lower Upper

63 100

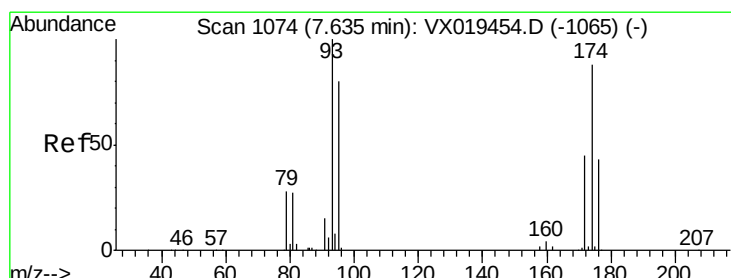
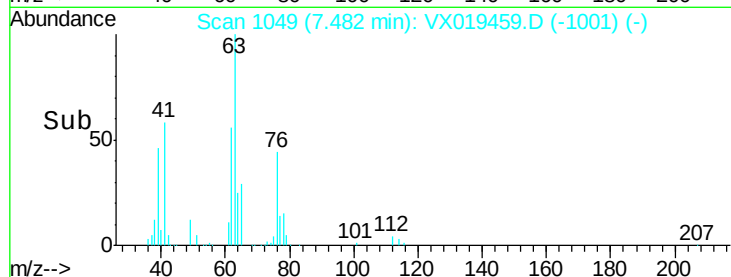
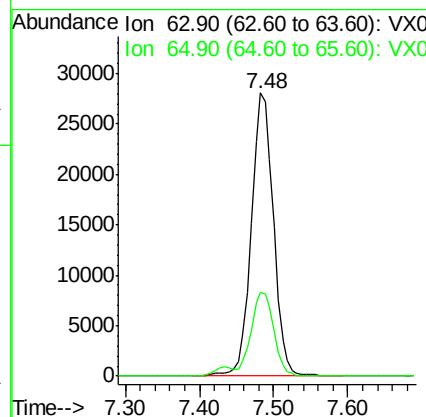
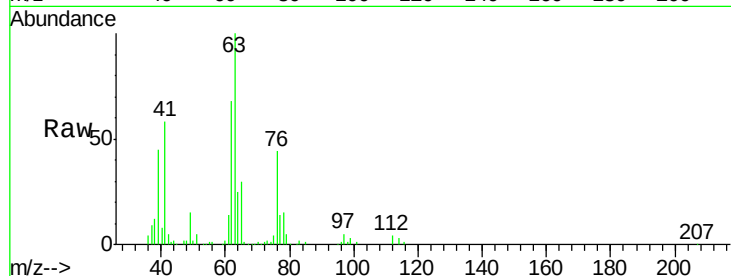
65 29.6 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#46

Dibromomethane

Concen: 18.743 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

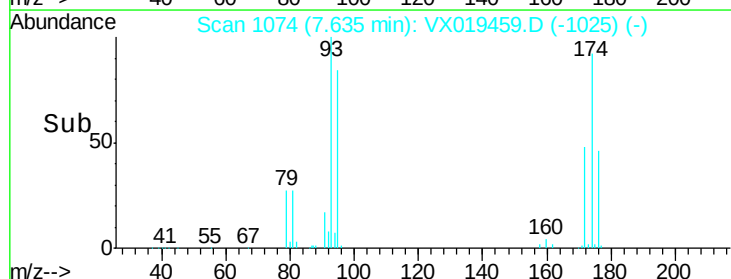
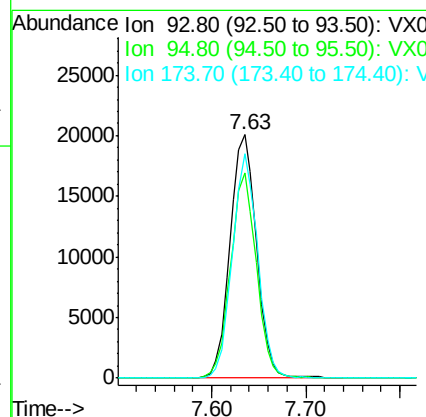
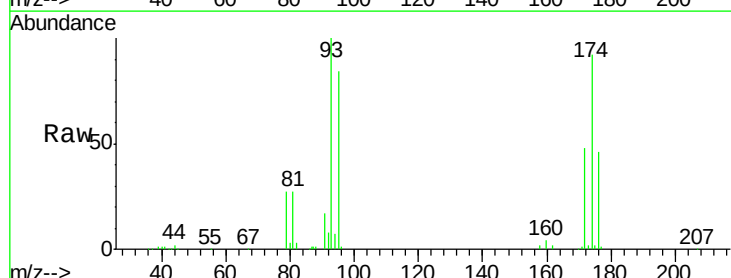
Tgt Ion: 93 Resp: 39234

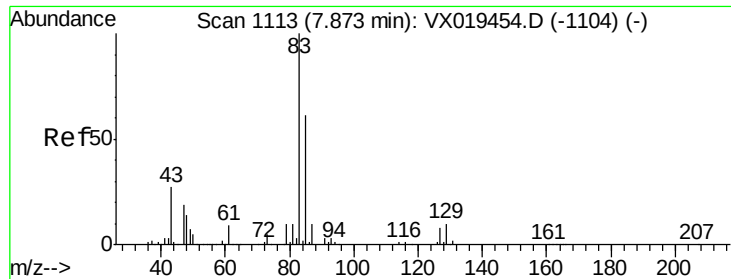
Ion Ratio Lower Upper

93 100

95 82.0 65.4 98.2

174 88.4 72.2 108.4





#47

Bromodichloromethane

Concen: 18.315 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

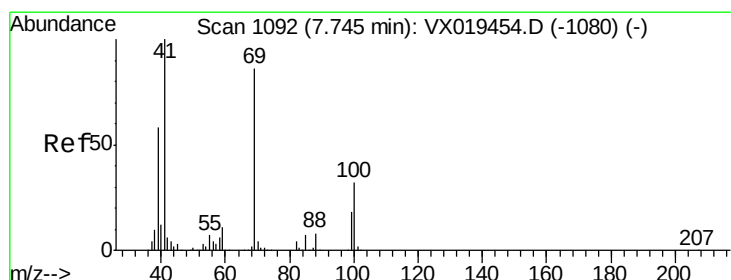
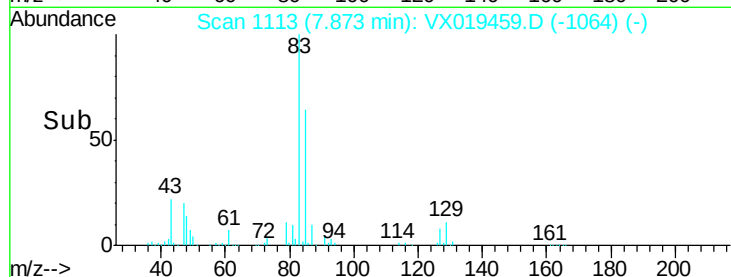
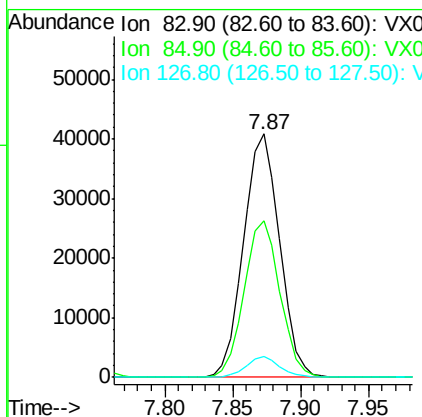
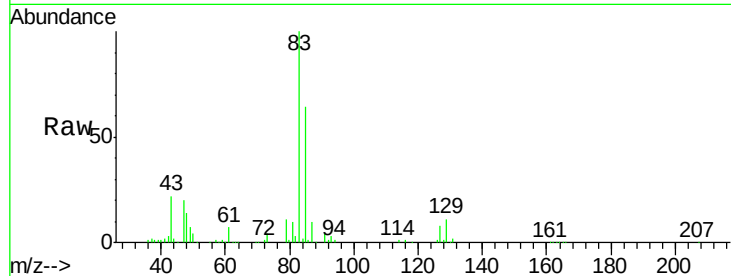
ClientSampleId :

VX1119WBS01

Tot Ion:	83	Resp:	75840
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.0	73.4
127	8.5	6.3	9.5

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM



#48

Methyl methacrylate

Concen: 18.663 ug/l

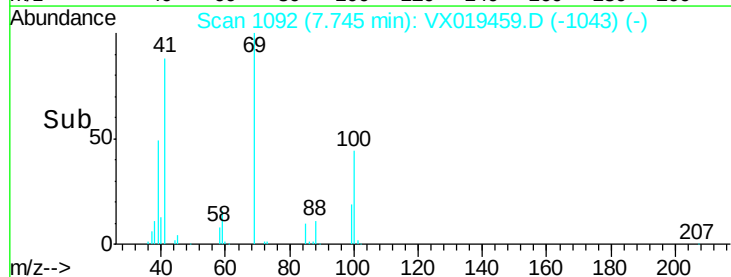
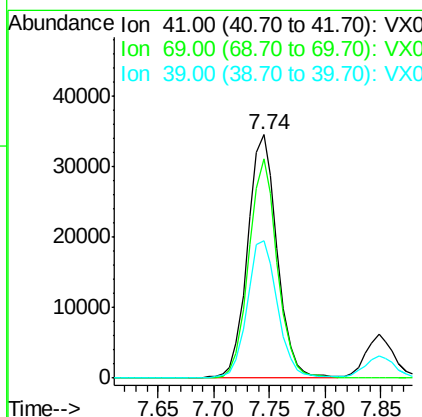
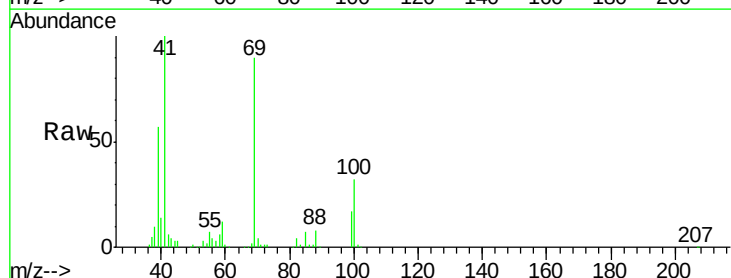
RT: 7.74 min Scan# 1092

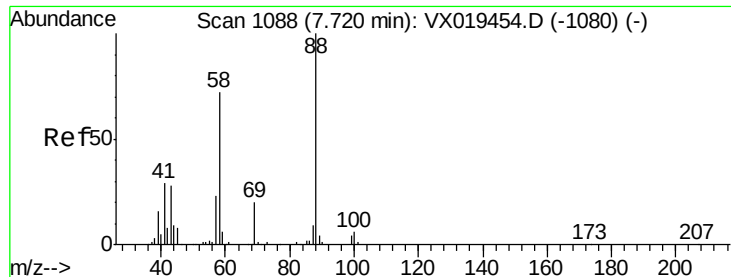
Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Tgt Ion:	41	Resp:	63409
Ion	Ratio	Lower	Upper
41	100		
69	87.5	68.4	102.6
39	57.9	46.6	70.0





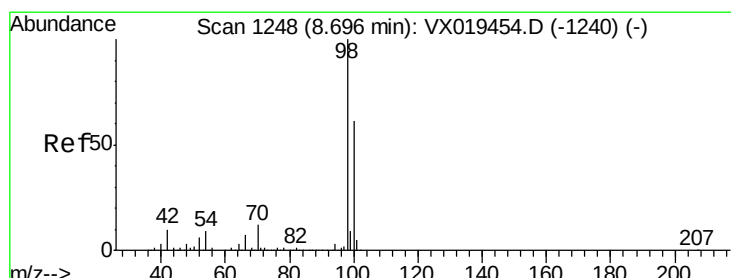
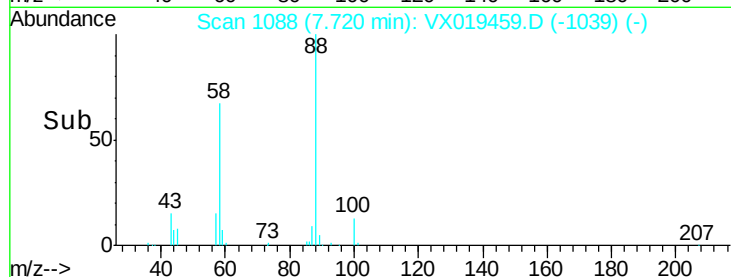
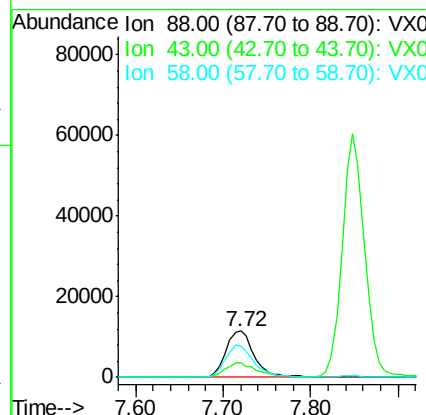
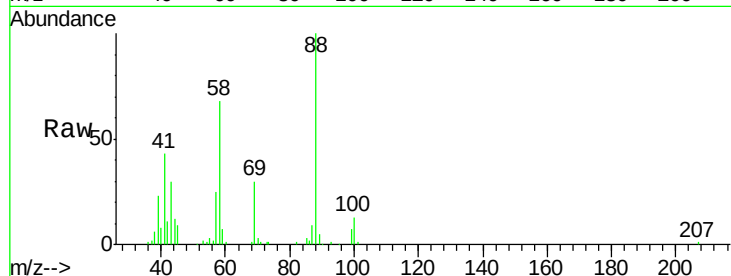
#49
1,4-Dioxane
Concen: 384.325 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	25.9	38.9
58	71.5	56.6	84.8

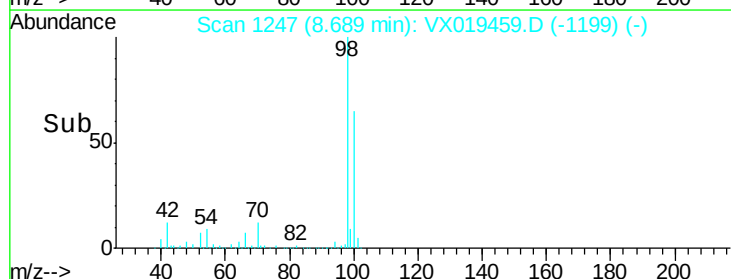
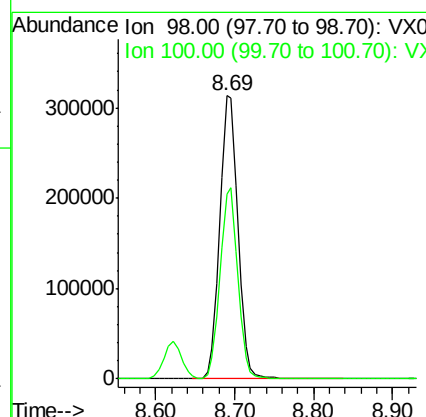
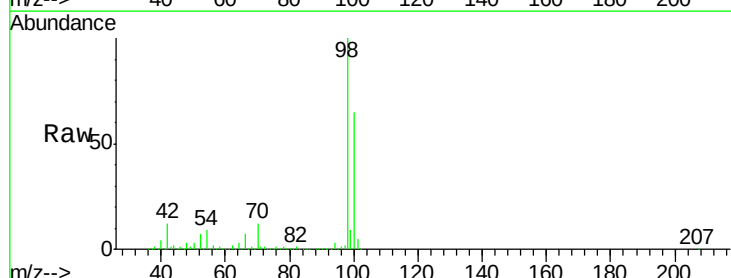
Manual Integrations
APPROVED

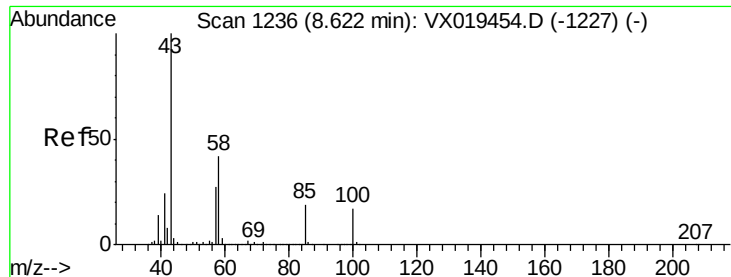
MMDadoda
11/19/2020 11:58:39 AM



#50
Toluene-d8
Concen: 47.906 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	79.0





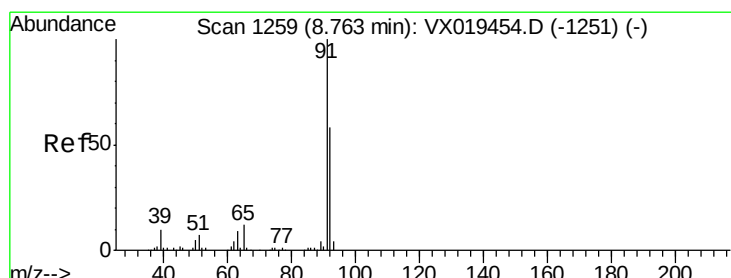
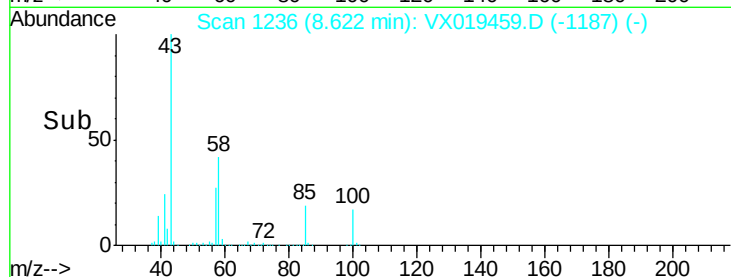
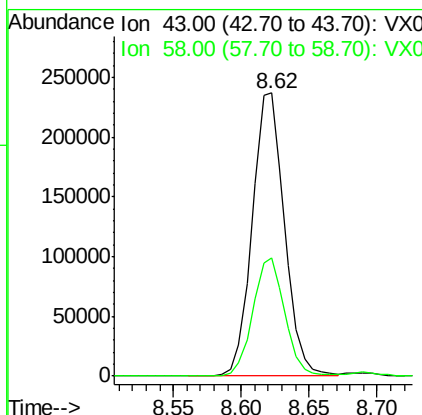
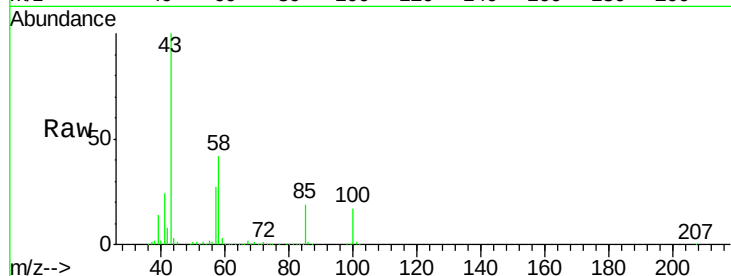
#51
4-Methyl-2-Pentanone
Concen: 94.312 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.2	33.0	49.4

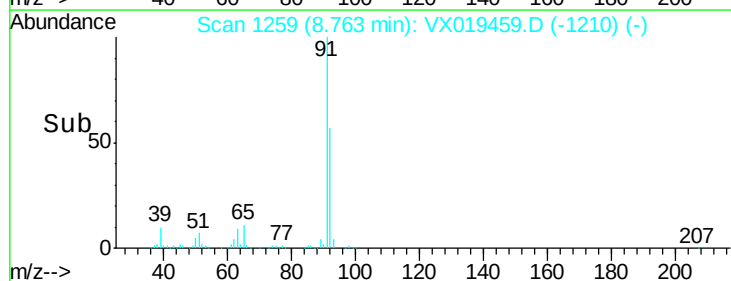
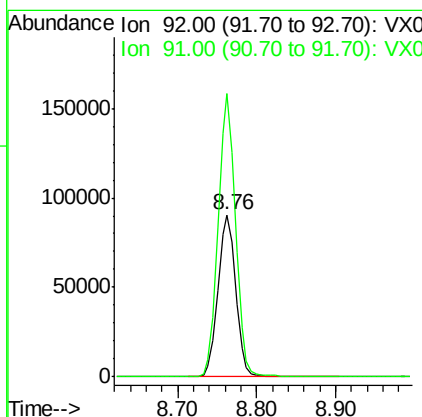
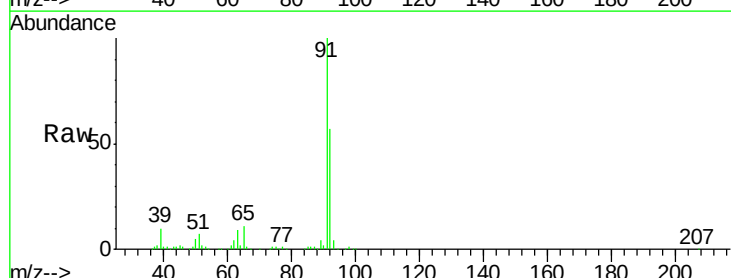
Manual Integrations
APPROVED

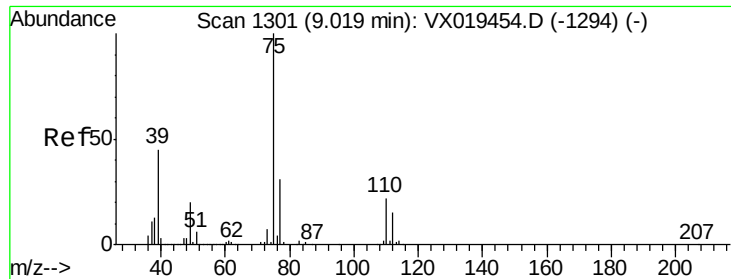
MMDadoda
11/19/2020 11:58:39 AM



#52
Toluene
Concen: 19.073 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.9	136.3	204.5





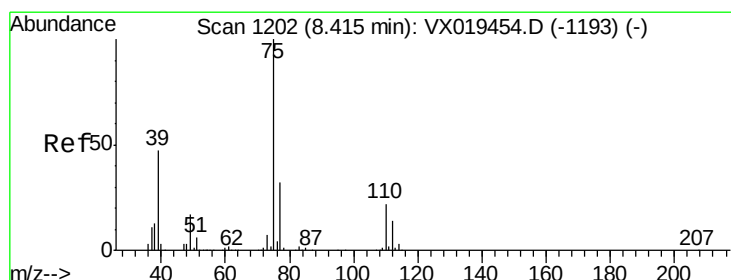
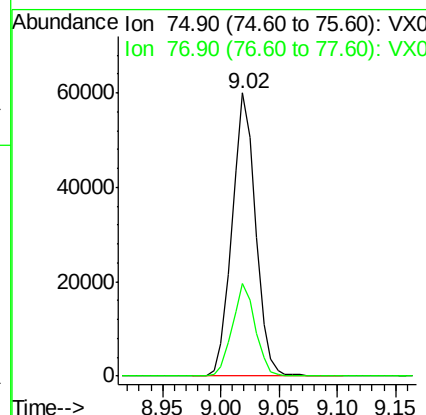
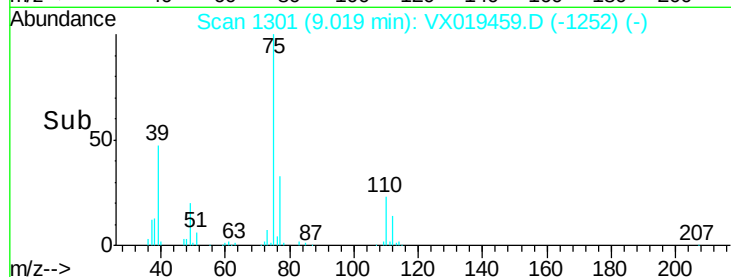
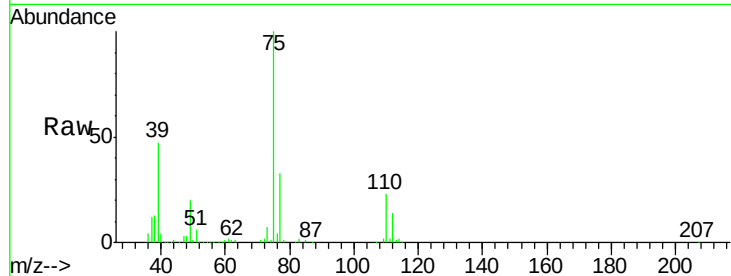
#53
t-1,3-Dichloropropene
Concen: 17.918 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion: 75 Resp: 84387
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6

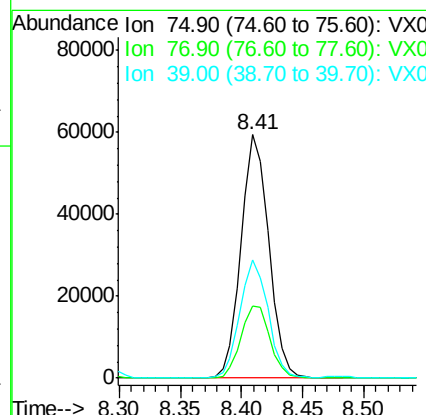
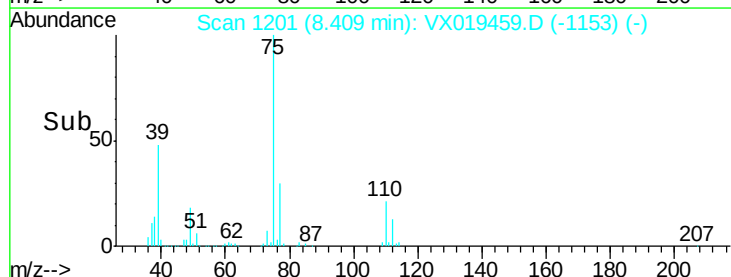
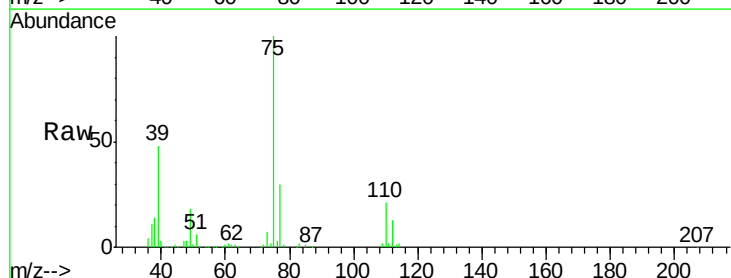
Manual Integrations
APPROVED

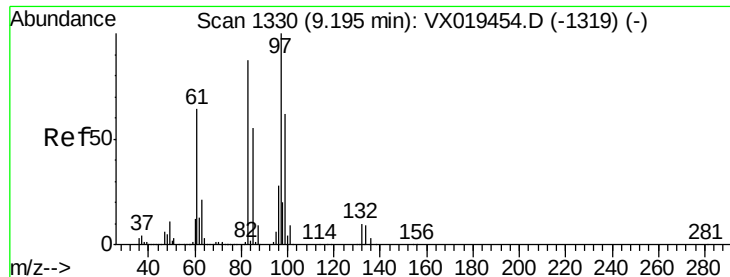
MMDadoda
11/19/2020 11:58:39 AM



#54
cis-1,3-Dichloropropene
Concen: 18.162 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion: 75 Resp: 93475
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.2
39 48.2 37.4 56.2





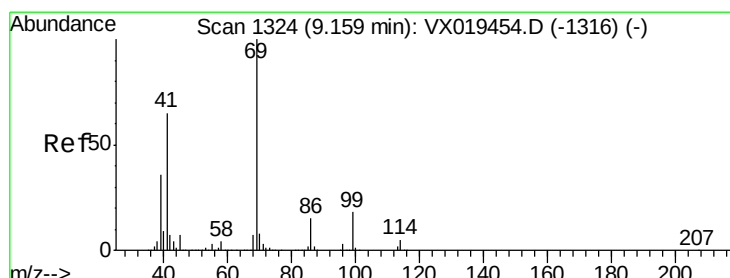
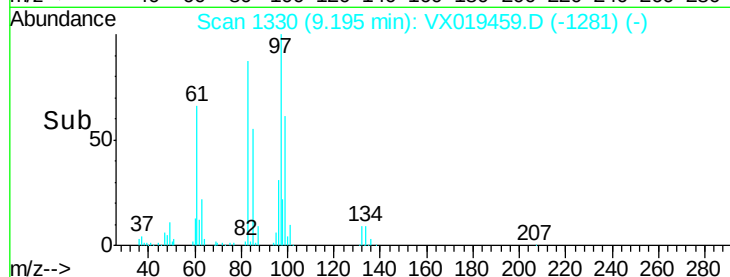
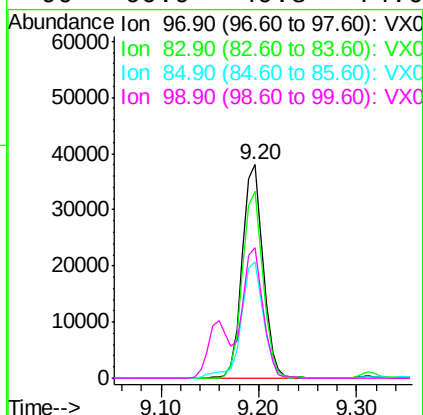
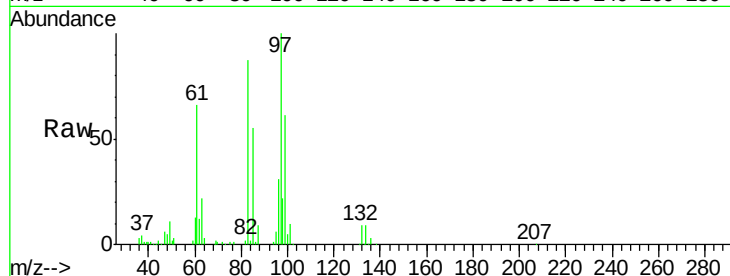
#55
 1,1,2-Trichloroethane
 Concen: 18.770 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion:	97	Resp:	56719
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.7	104.5
85	54.5	44.2	66.4
99	60.9	49.8	74.6

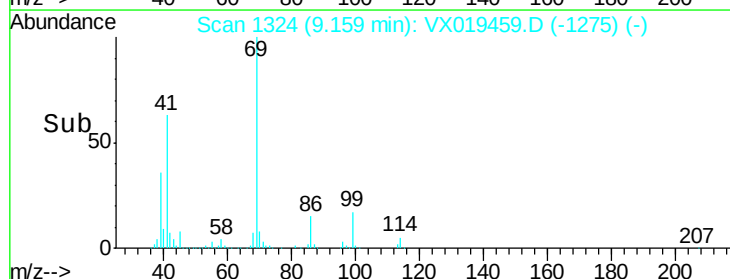
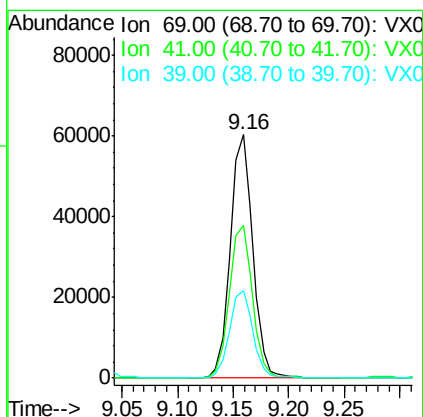
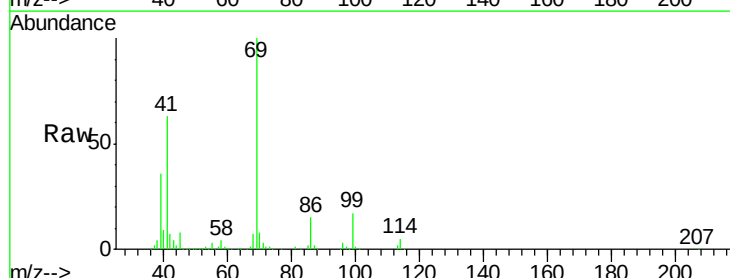
Manual Integrations
 APPROVED

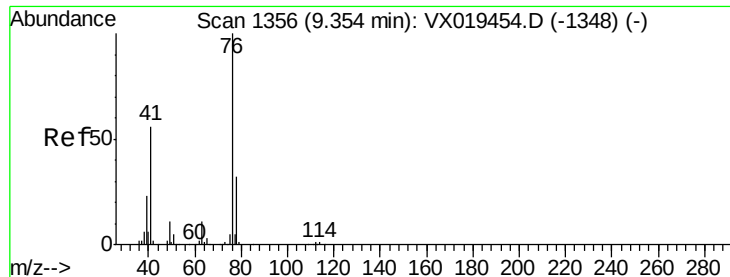
MMDadoda
 11/19/2020 11:58:39 AM



#56
 Ethyl methacrylate
 Concen: 18.221 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Tgt Ion:	69	Resp:	84367
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.1	78.1
39	37.1	29.5	44.3





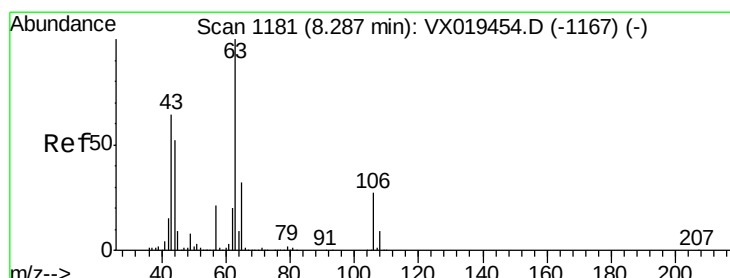
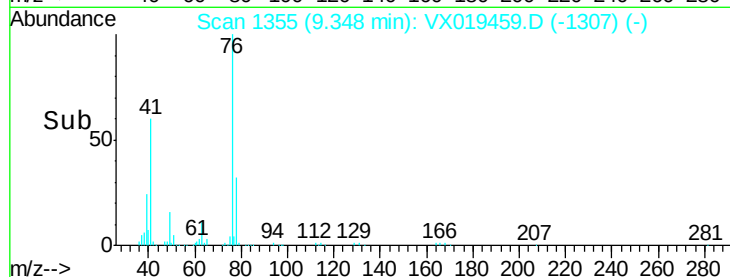
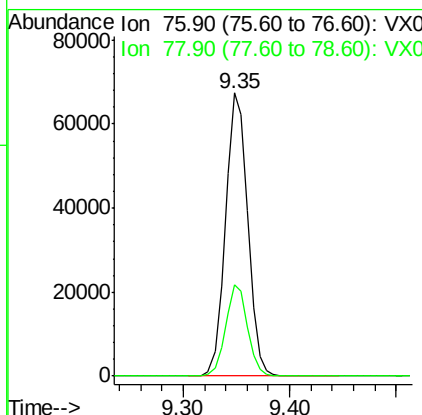
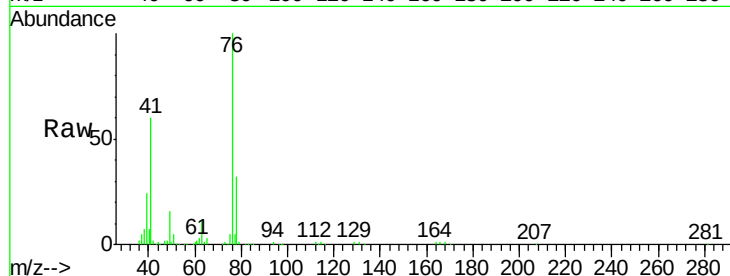
#57
 1,3-Dichloropropane
 Concen: 18.778 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.1	39.1

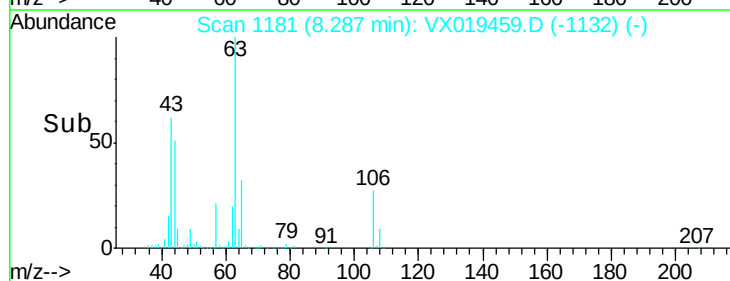
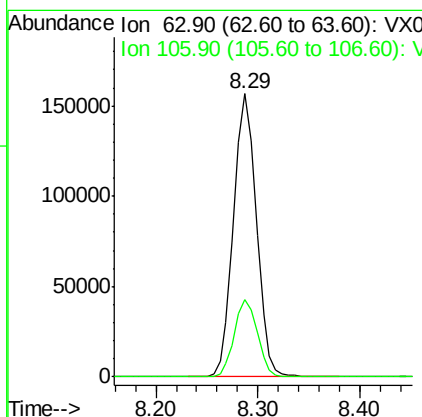
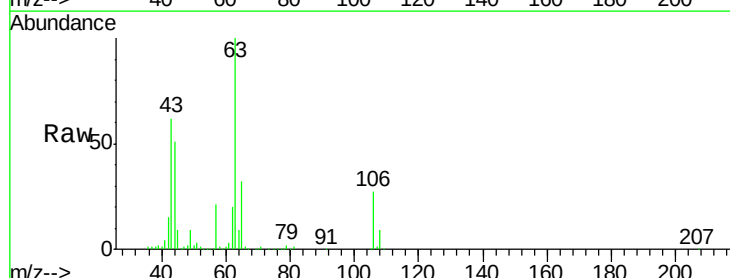
Manual Integrations
 APPROVED

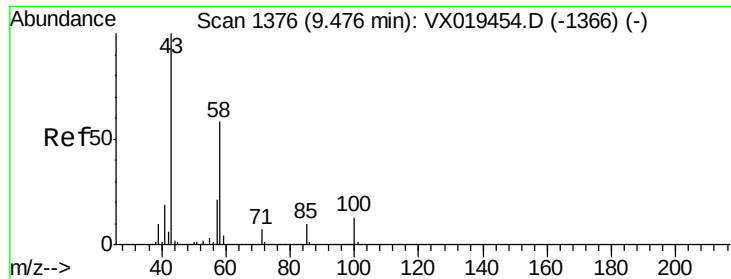
MMDadoda
 11/19/2020 11:58:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.542 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.2	33.2





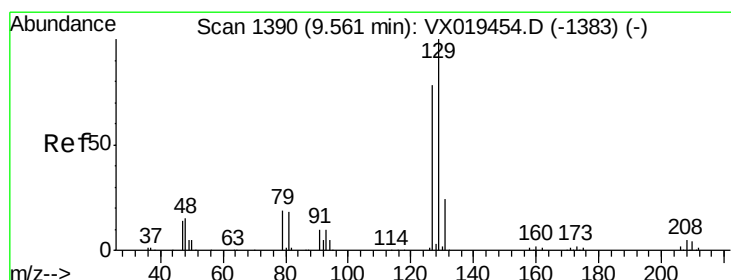
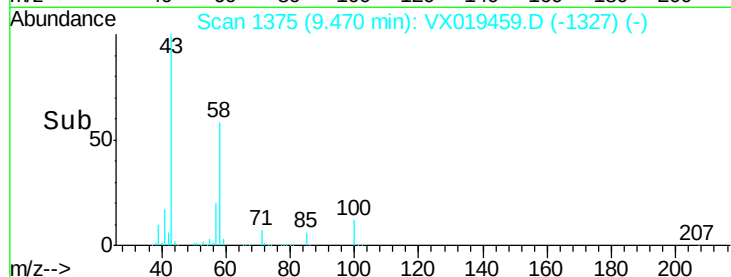
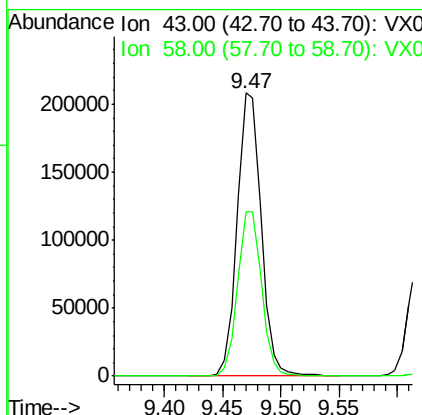
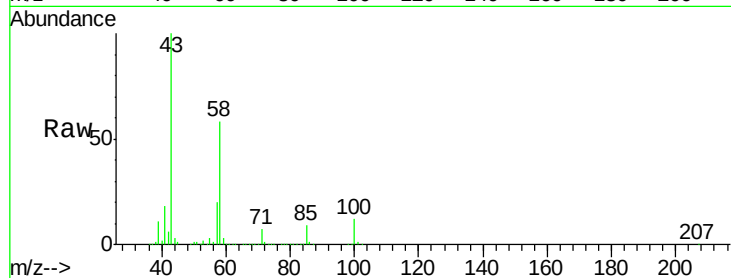
#59
2-Hexanone
Concen: 94.857 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.4	28.8	86.5

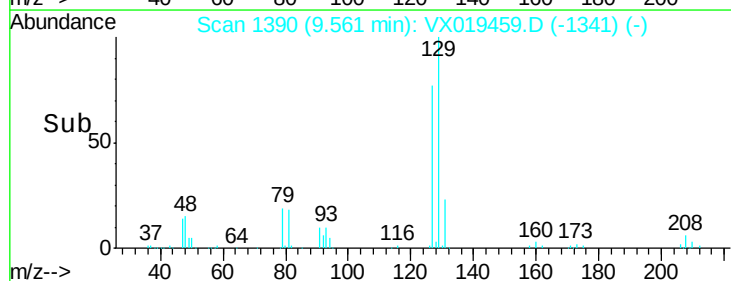
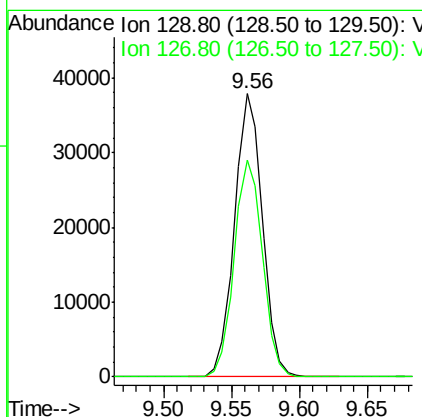
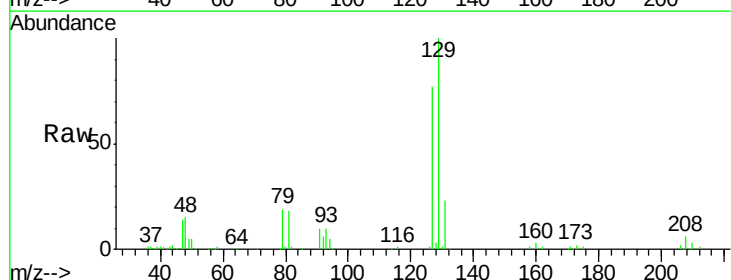
Manual Integrations
APPROVED

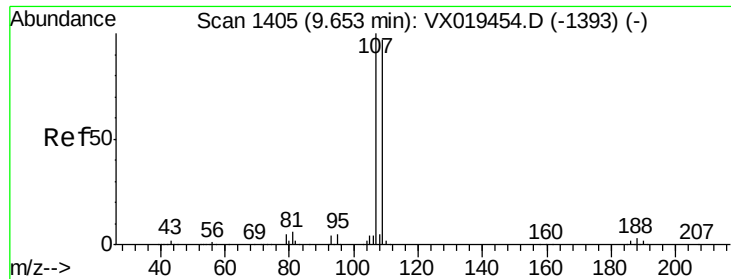
MMDadoda
11/19/2020 11:58:39 AM



#60
Dibromochloromethane
Concen: 17.525 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.8	116.4





#61

1,2-Dibromoethane

Concen: 18.668 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion:107 Resp: 58475

Ion Ratio Lower Upper

107 100

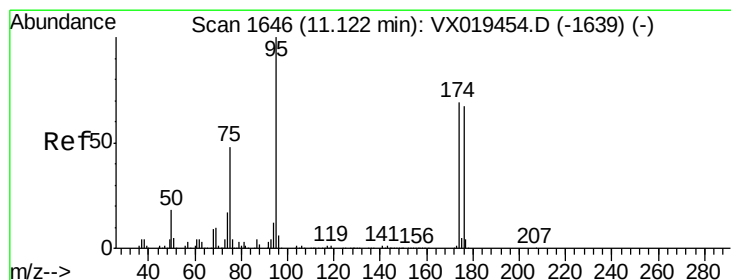
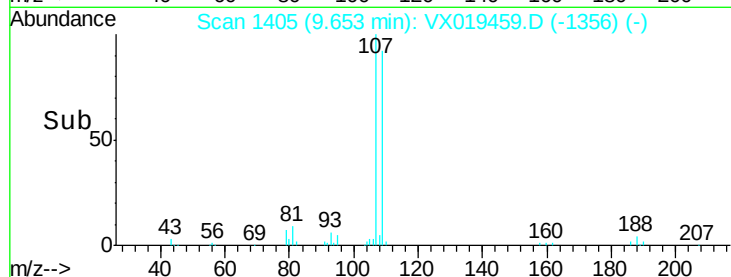
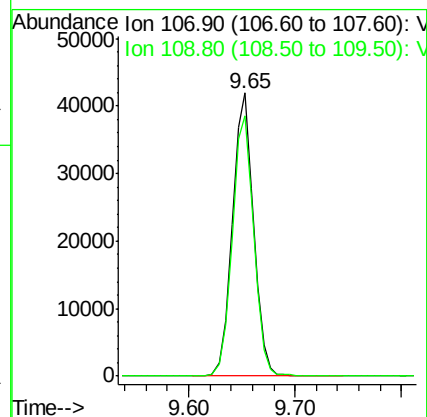
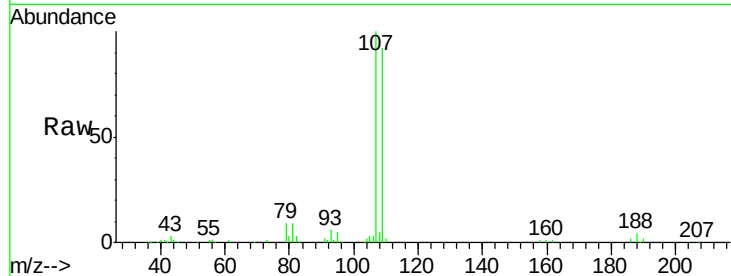
109 92.9 75.5 113.3

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#62

4-Bromofluorobenzene

Concen: 48.241 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

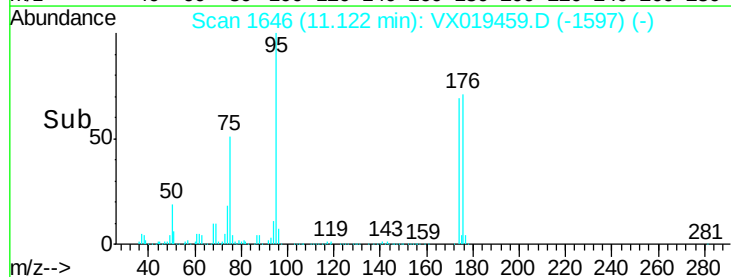
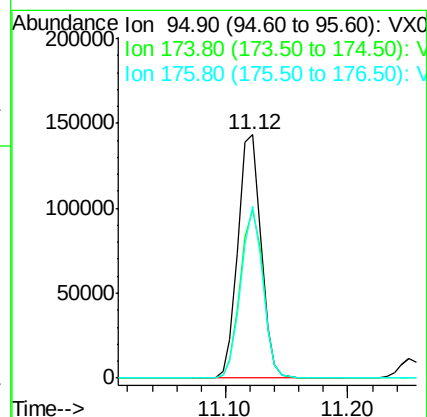
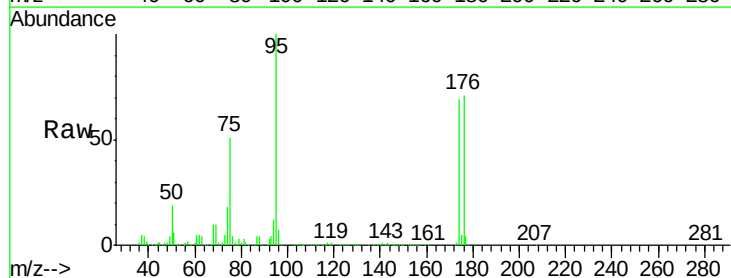
Tgt Ion: 95 Resp: 186494

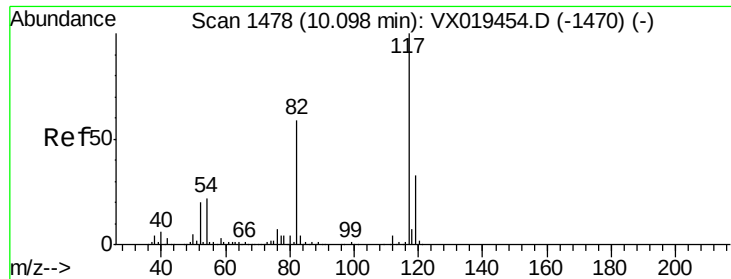
Ion Ratio Lower Upper

95 100

174 68.6 0.0 141.4

176 66.9 0.0 137.6





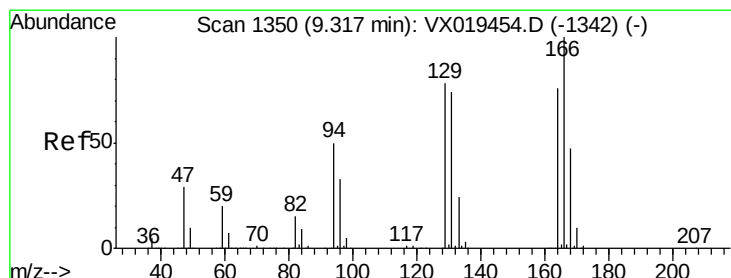
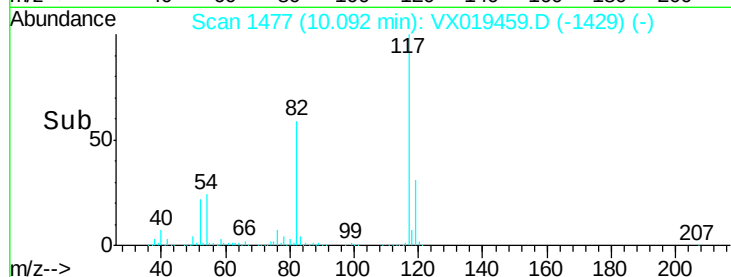
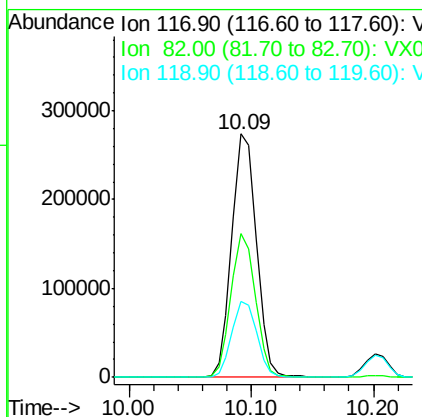
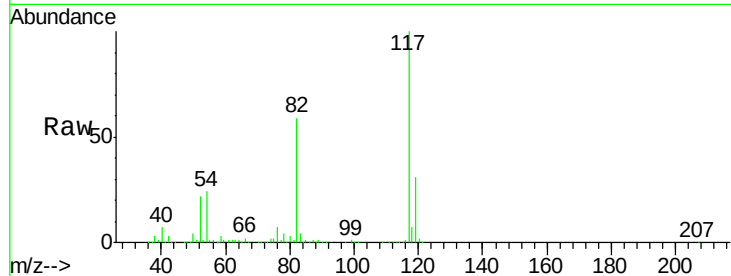
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	382683		
82	59.2		47.4	71.2
119	31.5		26.3	39.5

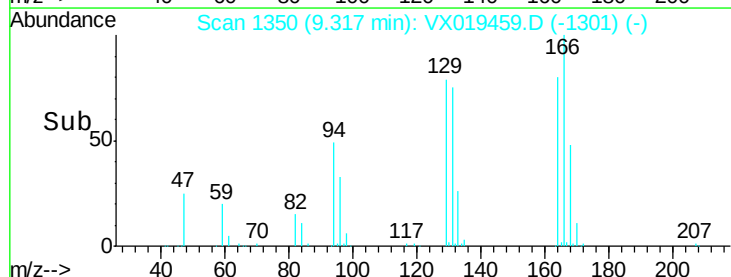
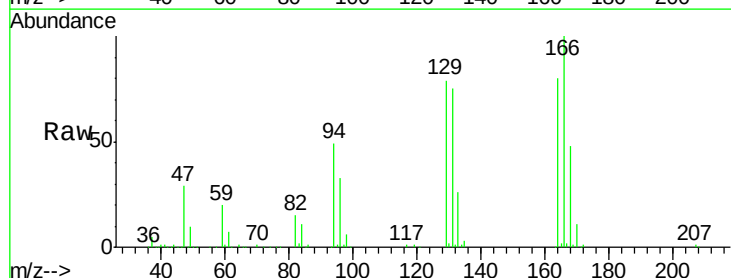
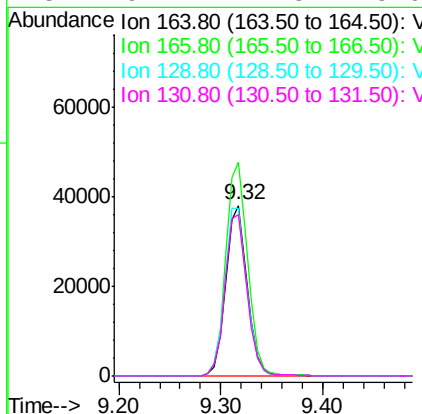
Manual Integrations
APPROVED

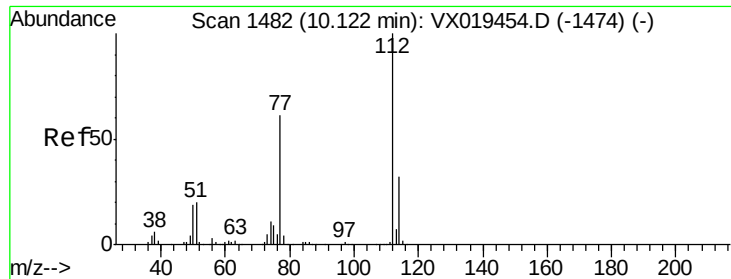
MMDadoda
11/19/2020 11:58:39 AM



#64
Tetrachloroethene
Concen: 18.451 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55181		
166	125.3		104.6	157.0
129	98.7		81.4	122.2
131	94.4		77.3	115.9





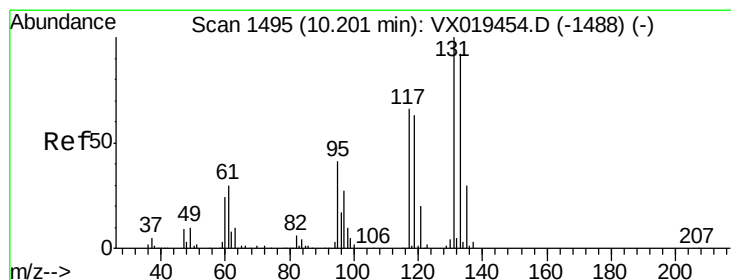
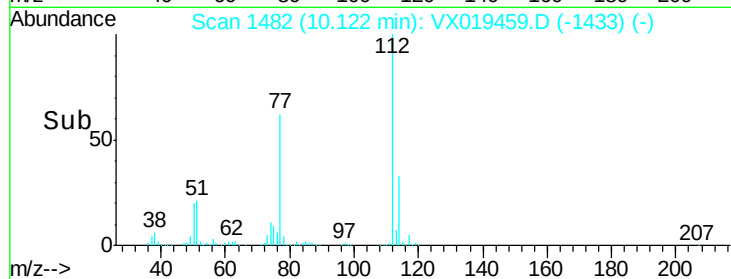
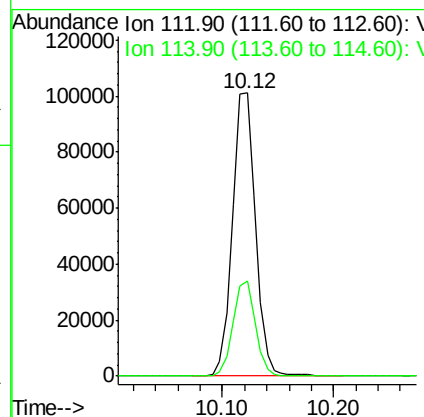
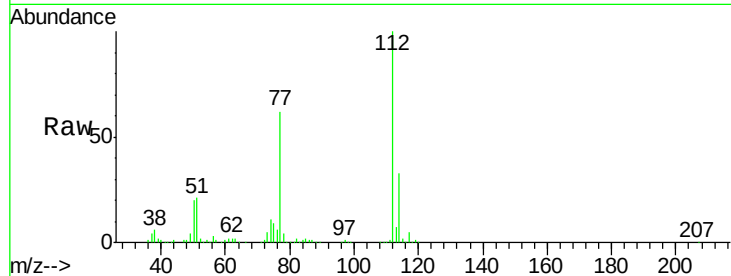
#65
Chlorobenzene
Concen: 18.458 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion:112 Resp: 144736
Ion Ratio Lower Upper
112 100
114 33.5 25.5 38.3

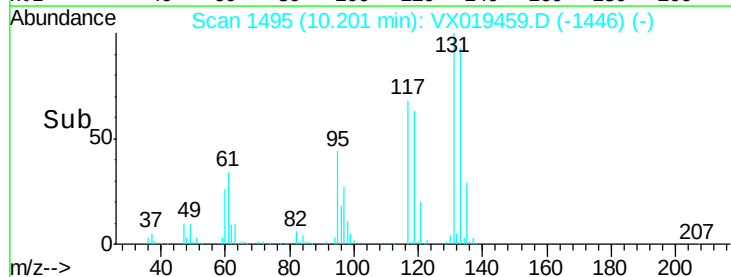
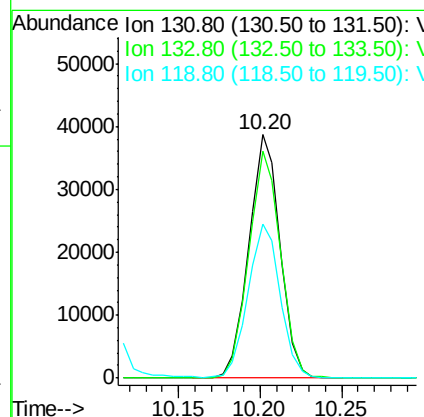
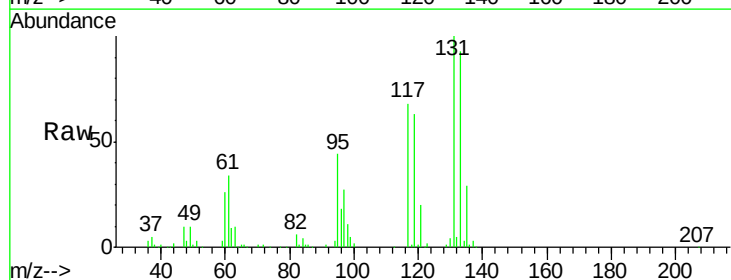
Manual Integrations
APPROVED

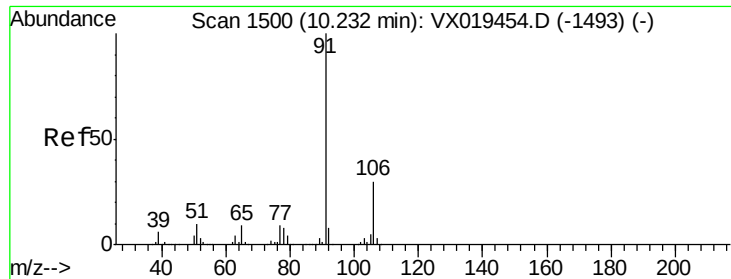
MMDadoda
11/19/2020 11:58:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.967 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion:131 Resp: 51758
Ion Ratio Lower Upper
131 100
133 94.9 46.2 138.5
119 65.1 32.1 96.3





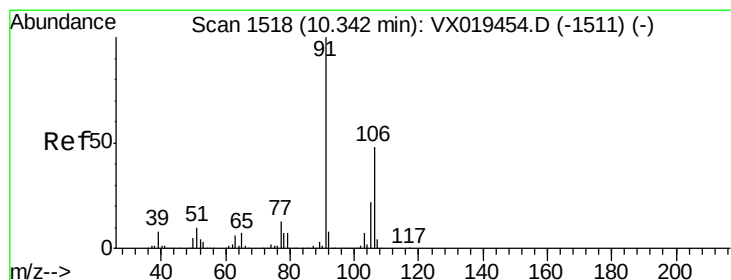
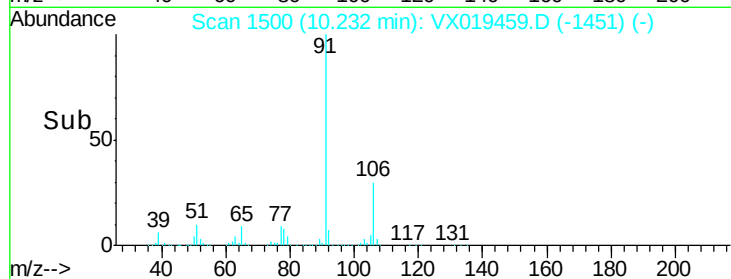
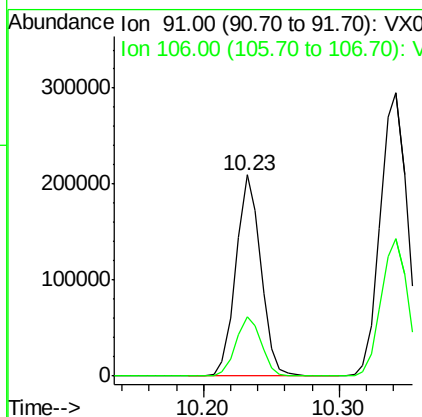
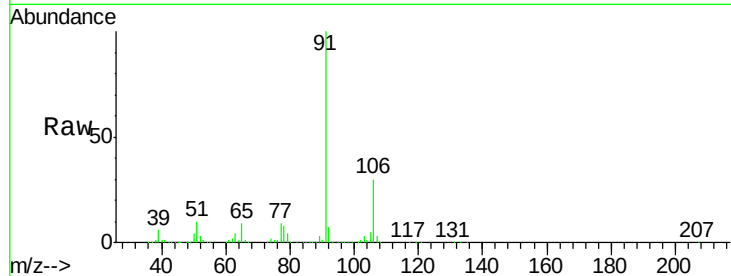
#67
Ethyl Benzene
Concen: 18.933 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion: 91 Resp: 268593
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

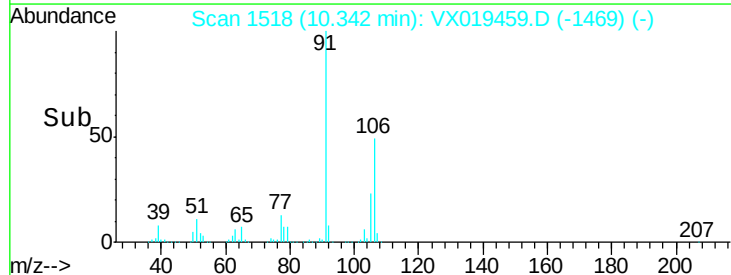
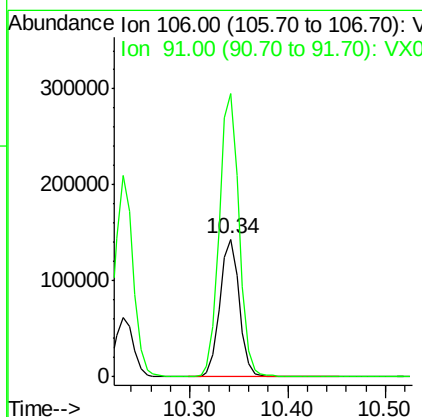
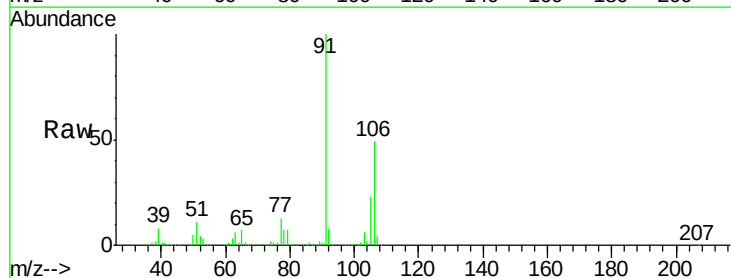
Manual Integrations
APPROVED

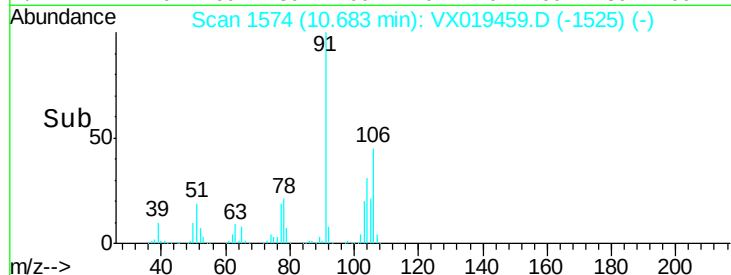
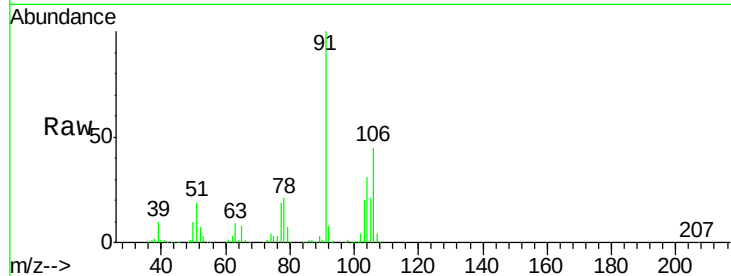
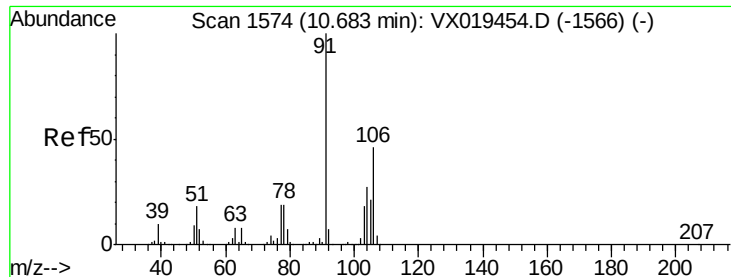
MMDadoda
11/19/2020 11:58:39 AM



#68
m/p-Xylenes
Concen: 38.281 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion: 106 Resp: 198031
Ion Ratio Lower Upper
106 100
91 208.6 167.2 250.8





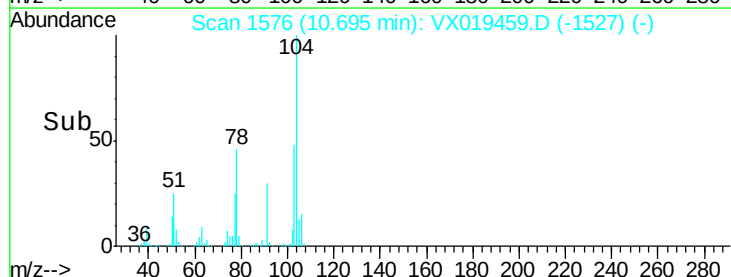
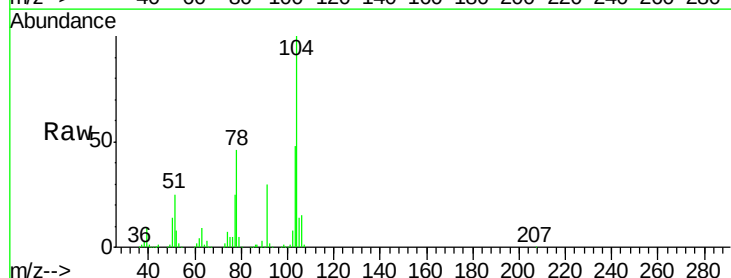
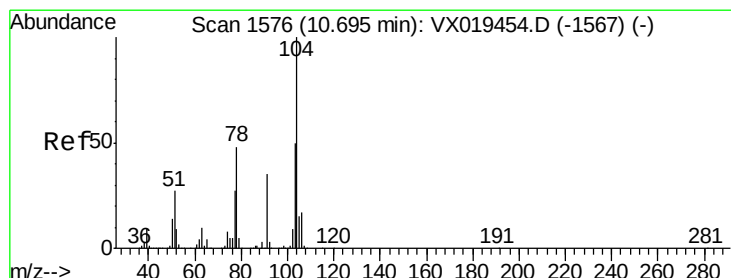
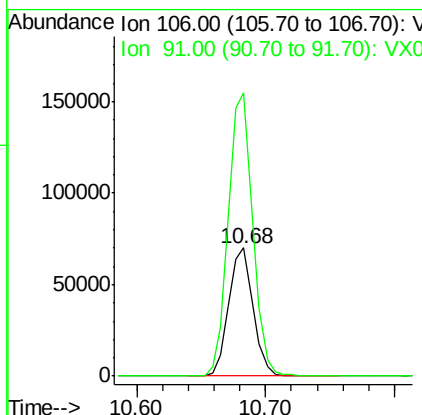
#69
o-Xylene
Concen: 18.982 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tot Ion:106 Resp: 93509
Ion Ratio Lower Upper
106 100
91 222.2 109.6 328.6

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

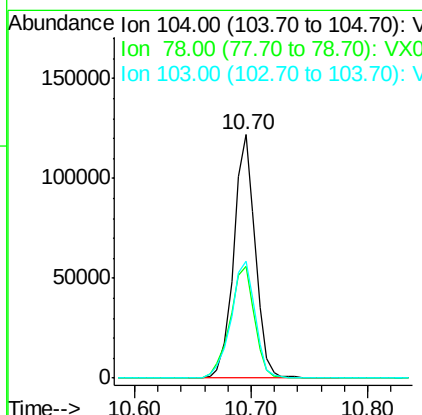
Manual Integrations
APPROVED

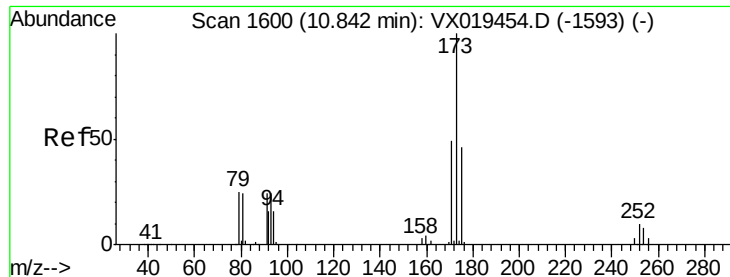
MMDadoda
11/19/2020 11:58:39 AM



#70
Styrene
Concen: 18.128 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion:104 Resp: 156673
Ion Ratio Lower Upper
104 100
78 52.5 42.7 64.1
103 53.7 43.2 64.8





#71

Bromoform

Concen: 17.907 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion:173 Resp: 35689

Ion Ratio Lower Upper

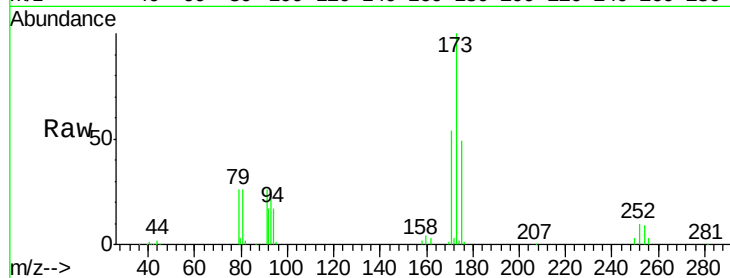
173 100

175 48.8 23.9 71.7

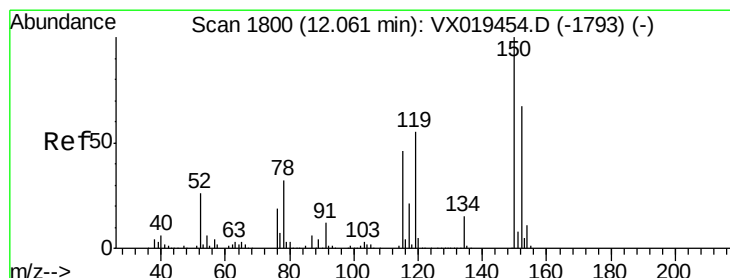
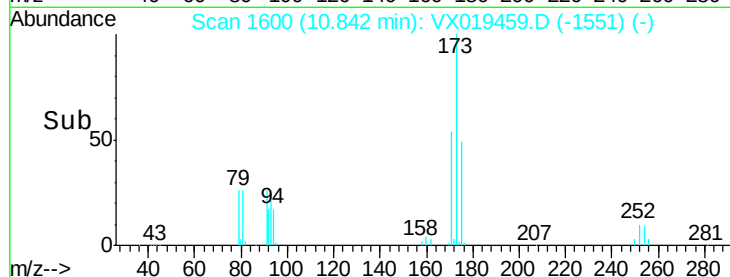
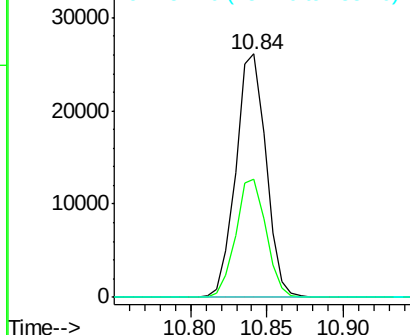
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

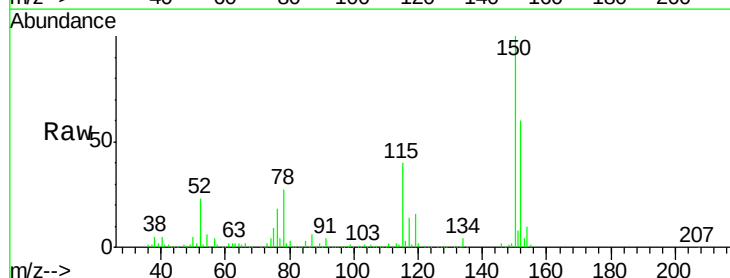
Tgt Ion:152 Resp: 180090

Ion Ratio Lower Upper

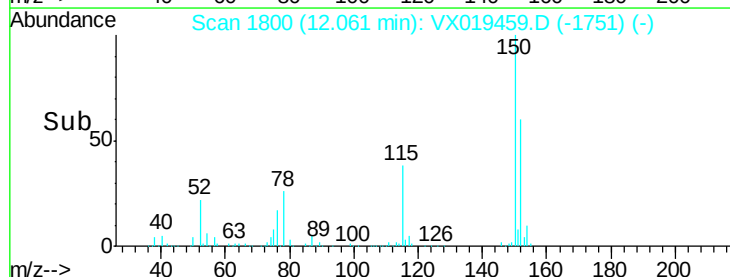
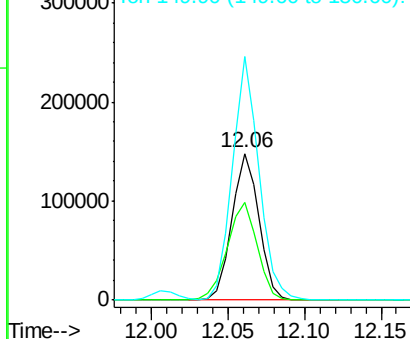
152 100

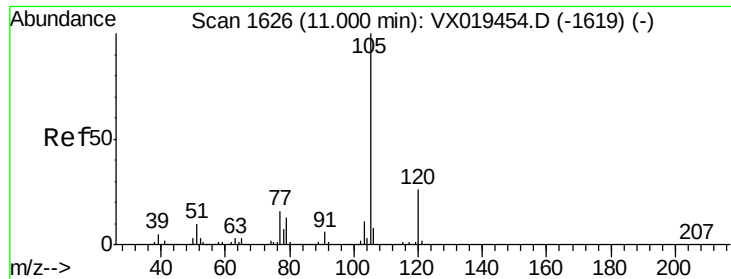
115 73.9 44.9 134.7

150 164.1 0.0 344.4



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





#73

Isopropylbenzene

Concen: 19.601 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBS01

Tot Ion:105 Resp: 255205

Ion Ratio Lower Upper

105 100

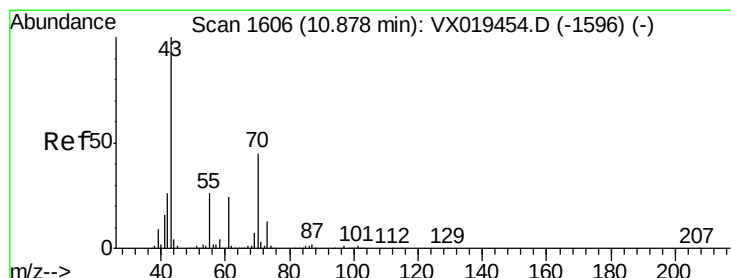
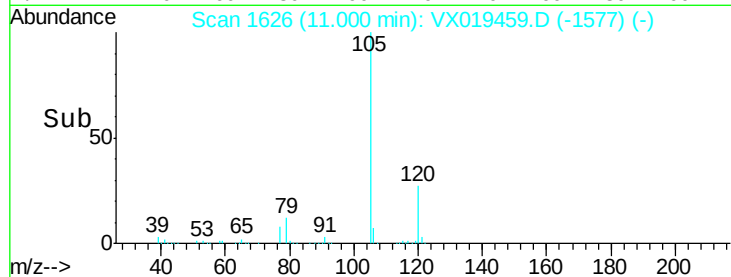
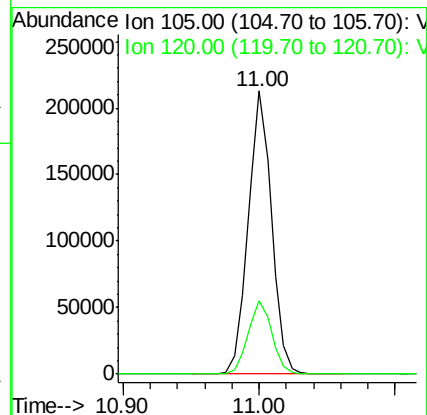
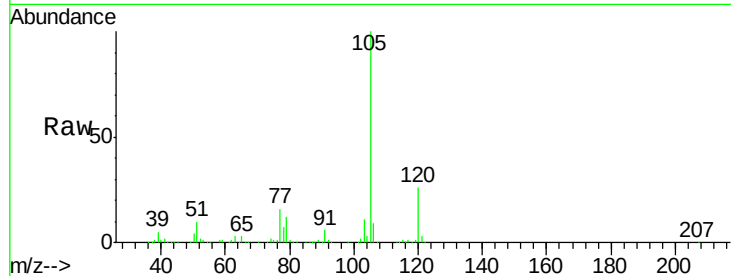
120 26.3 12.9 38.7

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:58:39 AM



#74

N-ethyl acetate

Concen: 19.248 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Tgt Ion: 43 Resp: 105491

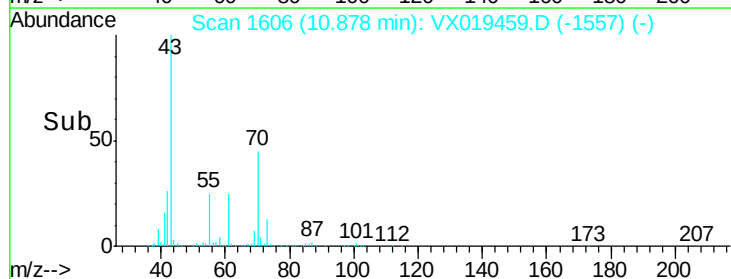
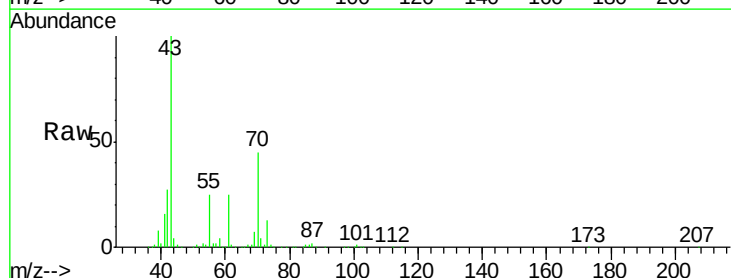
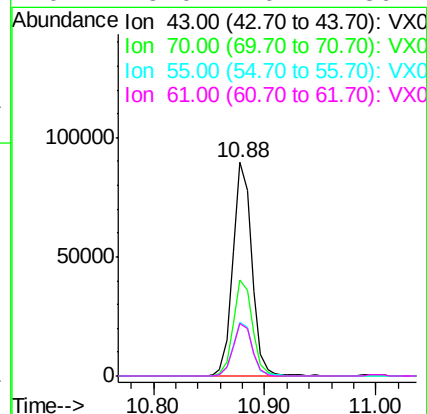
Ion Ratio Lower Upper

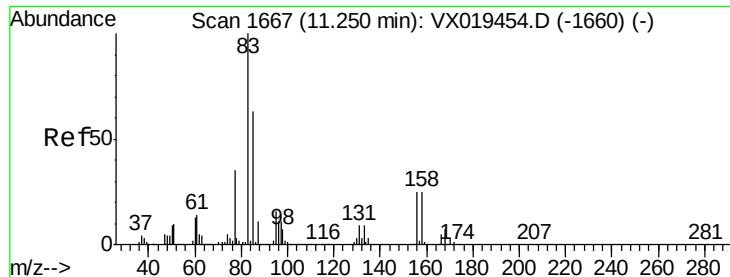
43 100

70 45.6 36.8 55.2

55 25.5 21.0 31.4

61 25.0 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.833 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

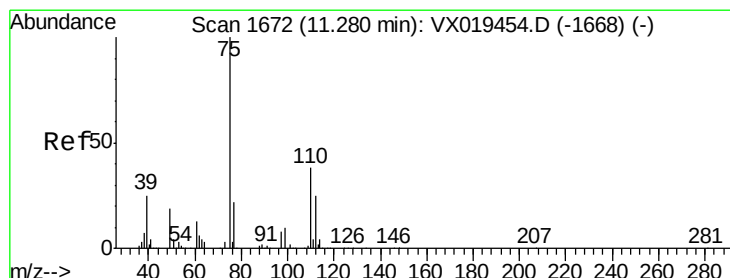
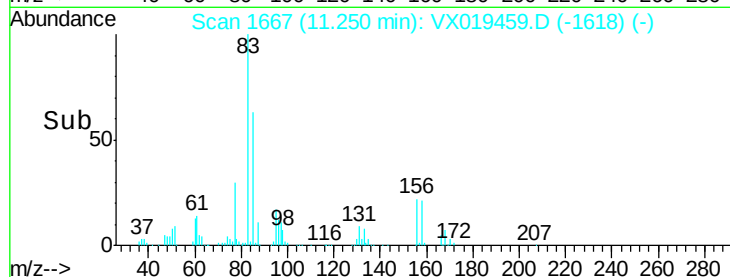
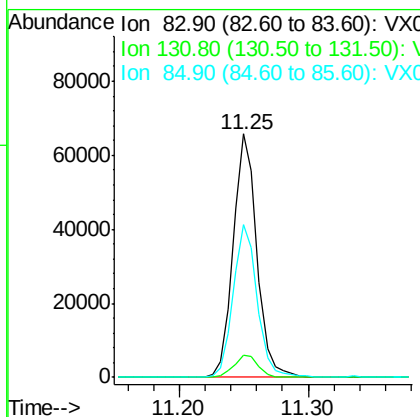
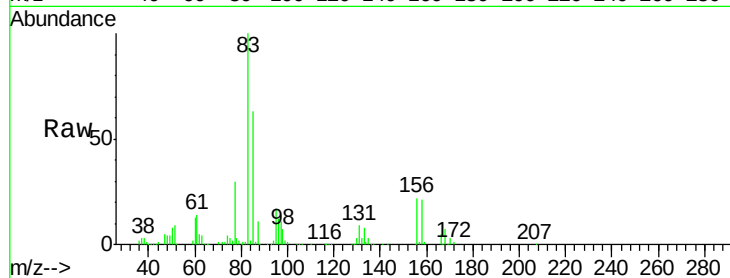
ClientSampleId :

VX1119WBS01

Tot Ion:	83	Resp:	84621
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.6	13.8
85	63.8	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM



#76

1,2,3-Trichloropropane

Concen: 19.344 ug/l m

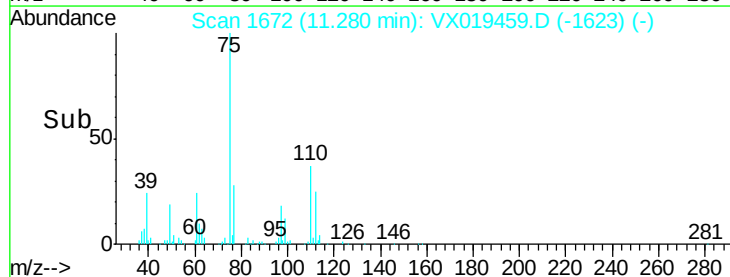
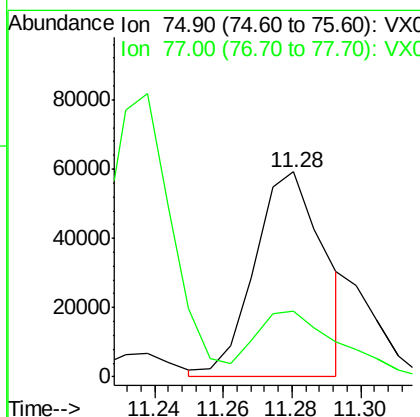
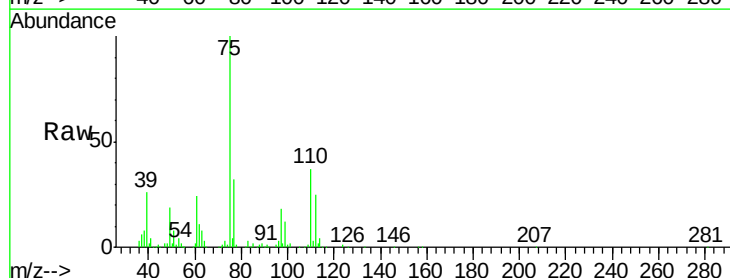
RT: 11.28 min Scan# 1672

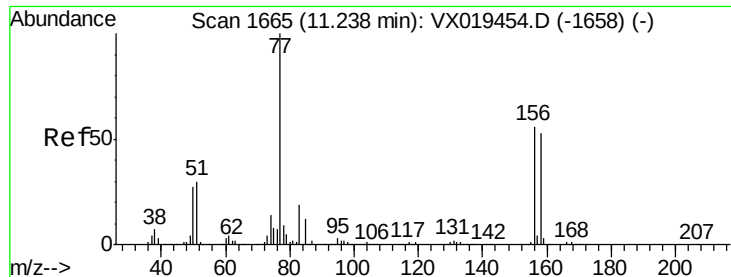
Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Tgt Ion:	75	Resp:	83057
Ion Ratio	Lower	Upper	
75	100		
77	38.7	20.0	59.9





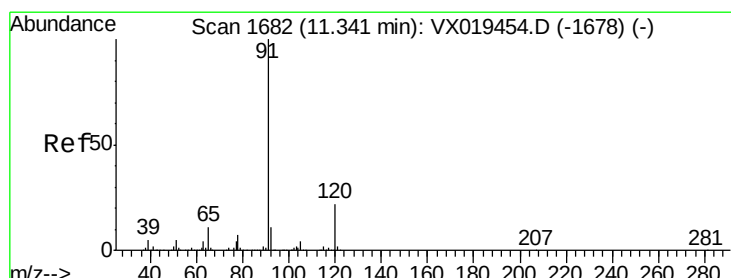
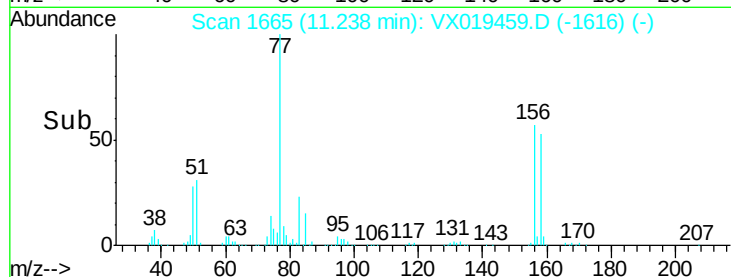
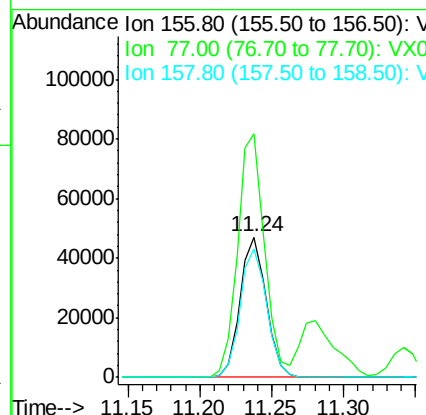
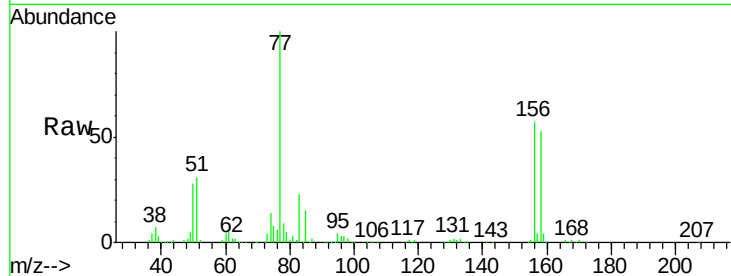
#77
Bromobenzene
Concen: 19.453 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.3	91.3	274.1
158	93.6	48.3	144.9

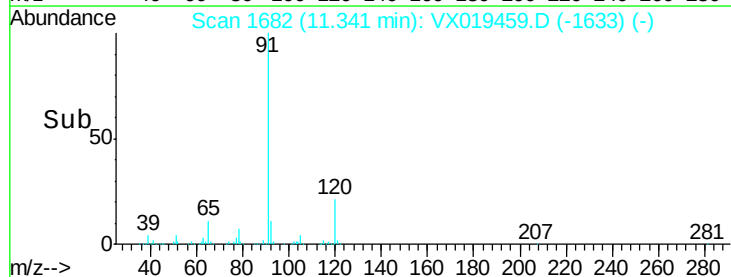
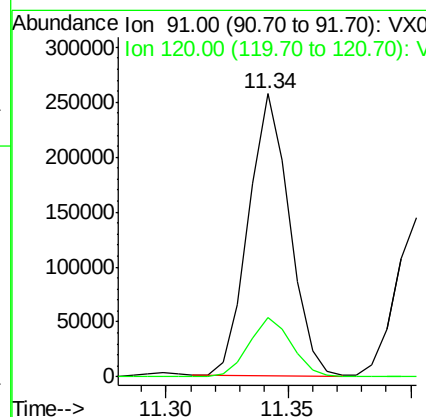
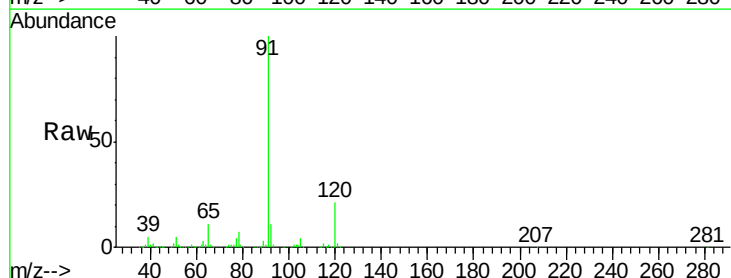
Manual Integrations
APPROVED

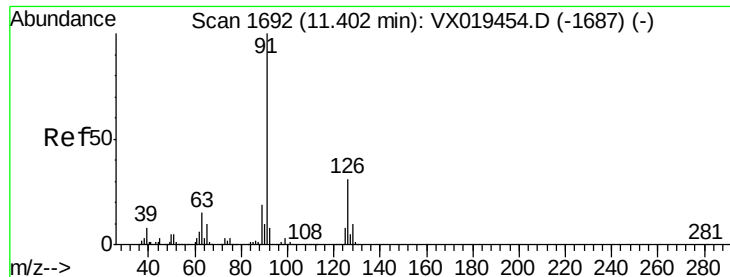
MMDadoda
11/19/2020 11:58:39 AM



#78
n-propylbenzene
Concen: 19.924 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.3





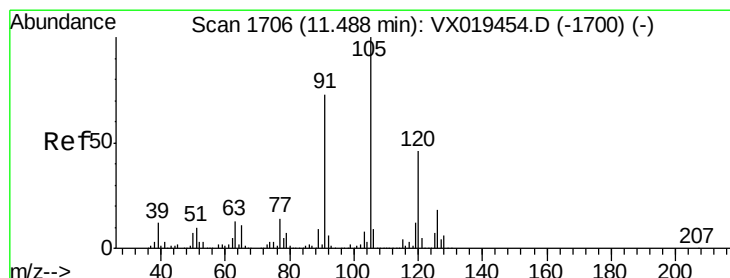
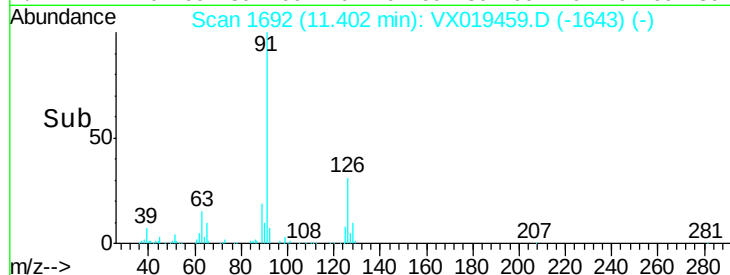
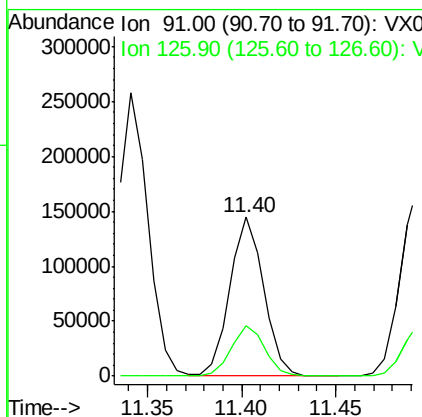
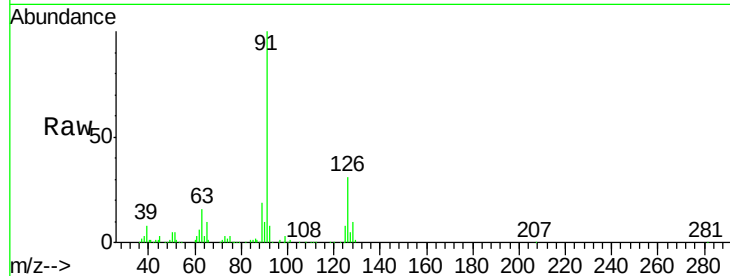
#79
 2-Chlorotoluene
 Concen: 19.565 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion: 91 Resp: 178676
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.6 46.8

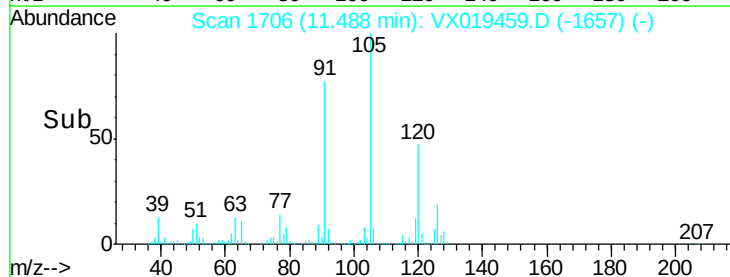
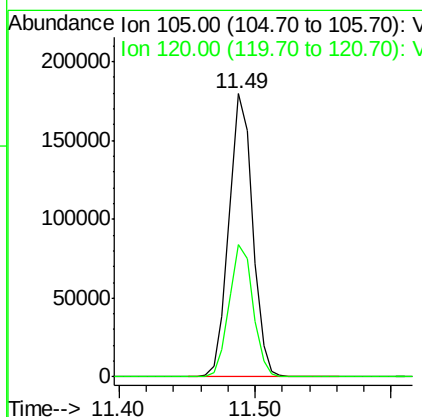
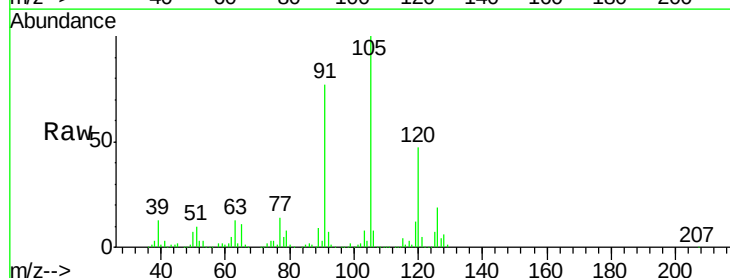
Manual Integrations
 APPROVED

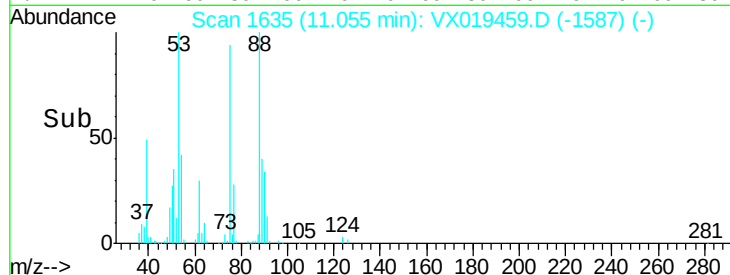
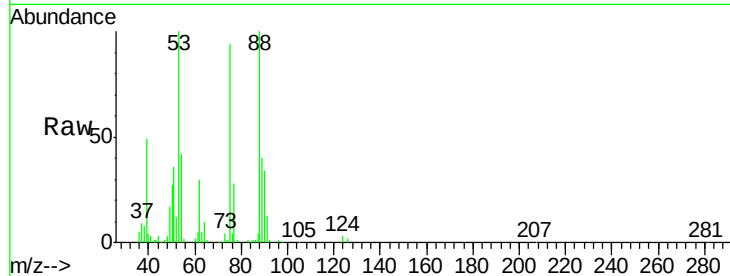
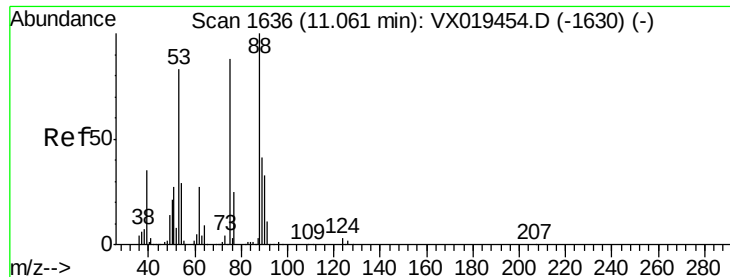
MMDadoda
 11/19/2020 11:58:39 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.589 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Tgt Ion: 105 Resp: 217032
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.6 70.8





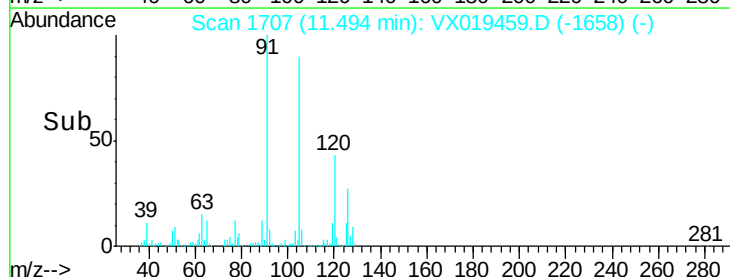
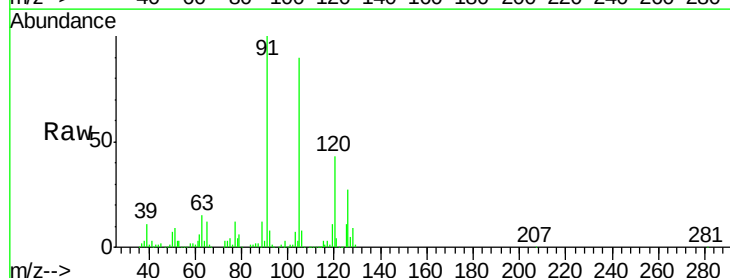
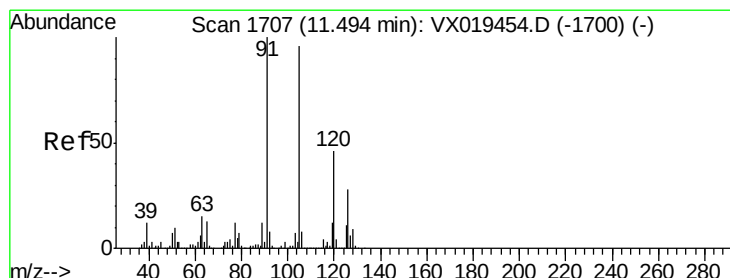
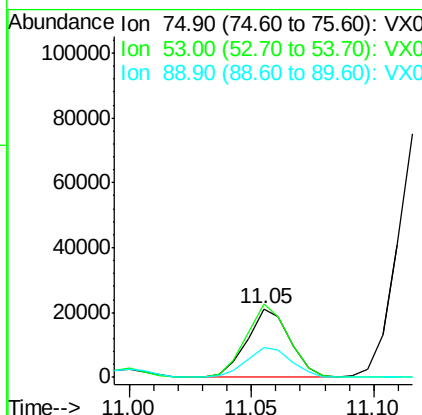
#81
trans-1,4-Dichloro-2-butene
Concen: 19.141 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.8	81.0	121.6
89	45.5	37.0	55.4

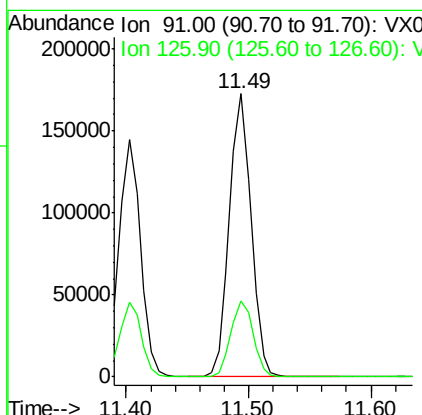
Manual Integrations
APPROVED

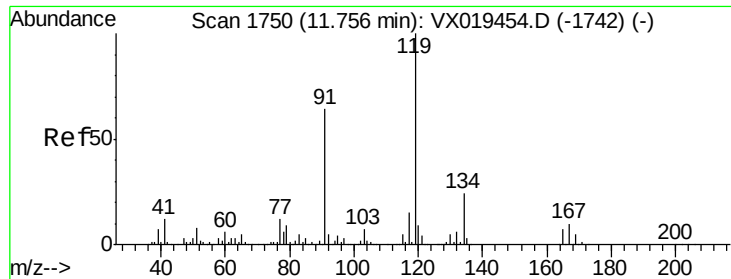
MMDadoda
11/19/2020 11:58:39 AM



#82
4-Chlorotoluene
Concen: 19.499 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.6	14.1	42.2





#83

tert-Butylbenzene

Concen: 19.432 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Instrument :

MSVOA_X

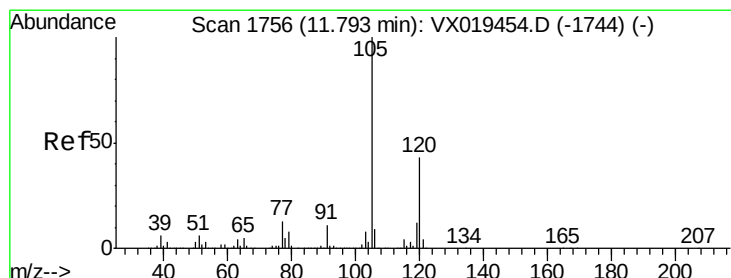
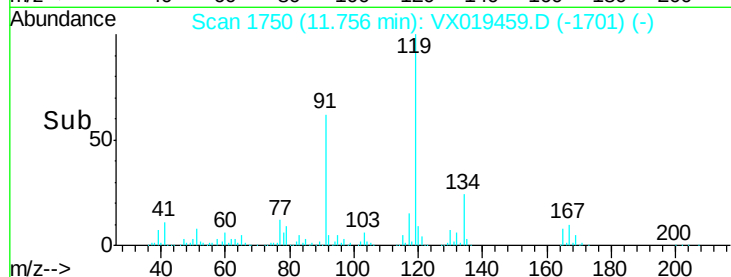
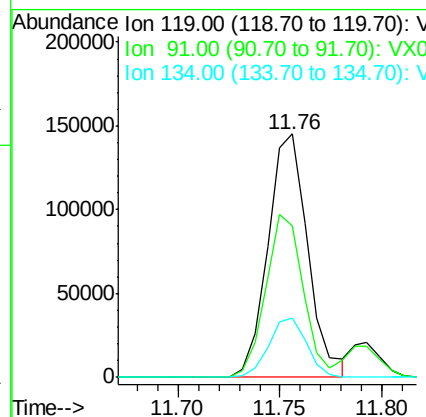
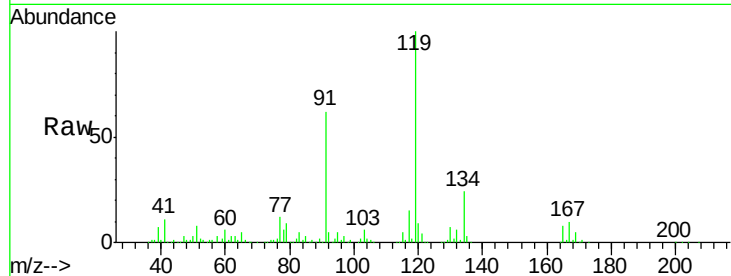
ClientSampleId :

VX1119WBS01

Tot Ion:	119	Resp:	198035
Ion Ratio	Lower	Upper	
119	100		
91	62.7	31.1	93.2
134	23.3	11.6	34.7

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.746 ug/l

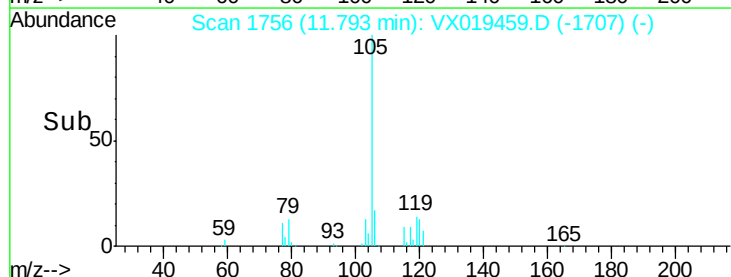
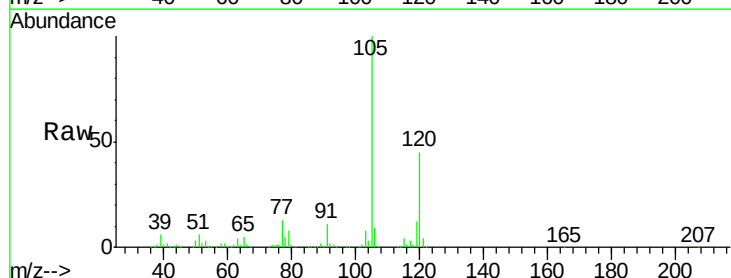
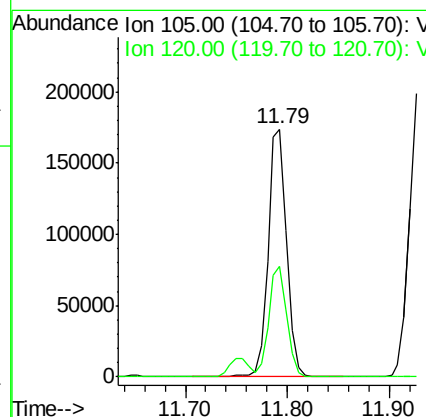
RT: 11.79 min Scan# 1756

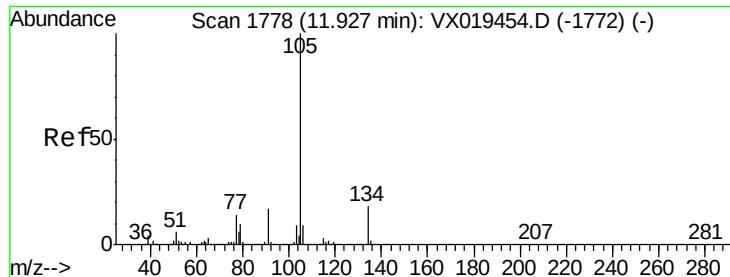
Delta R.T. -0.00 min

Lab File: VX019459.D

Acq: 18 Nov 2020 18:36

Tgt Ion:	105	Resp:	218723
Ion Ratio	Lower	Upper	
105	100		
120	43.5	21.5	64.5





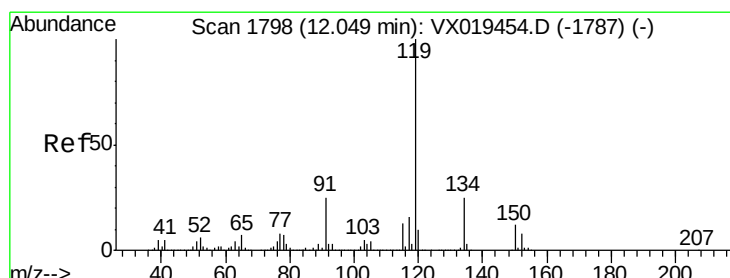
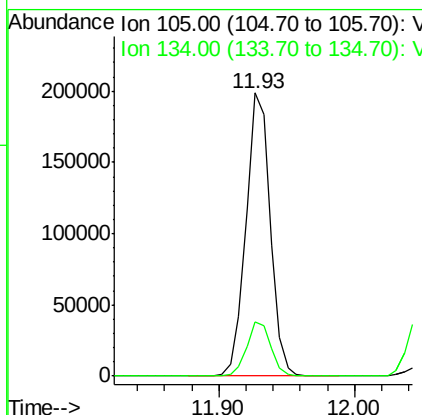
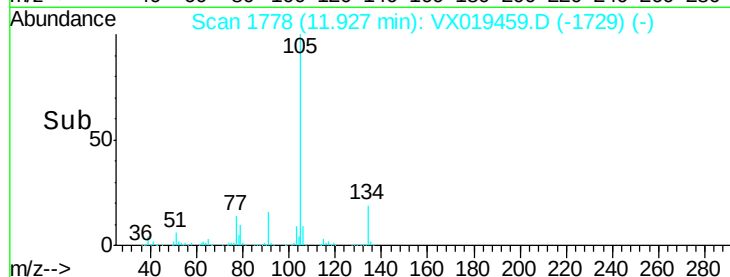
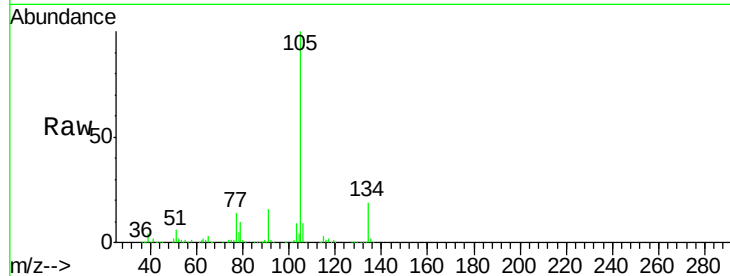
#85
 sec-Butylbenzene
 Concen: 19.840 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	247979		
134	19.1	9.6	28.6	

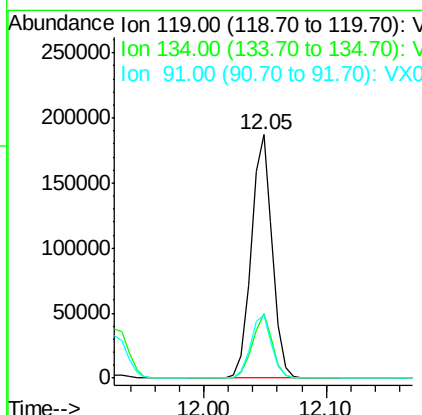
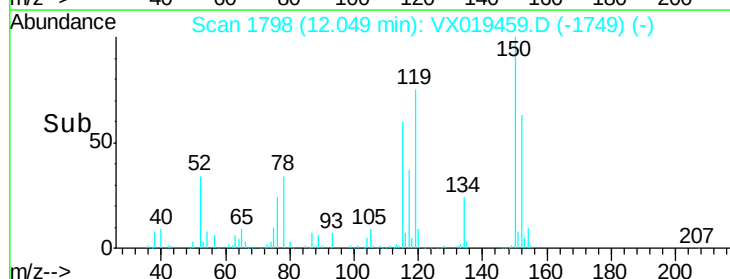
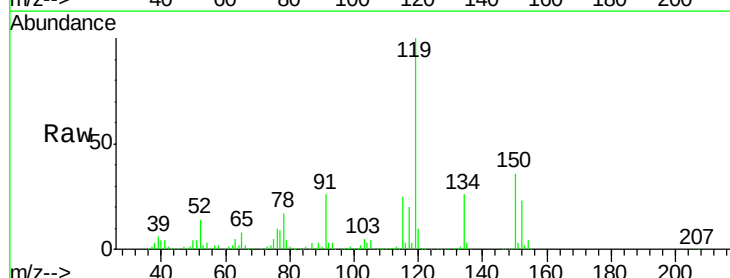
Manual Integrations
 APPROVED

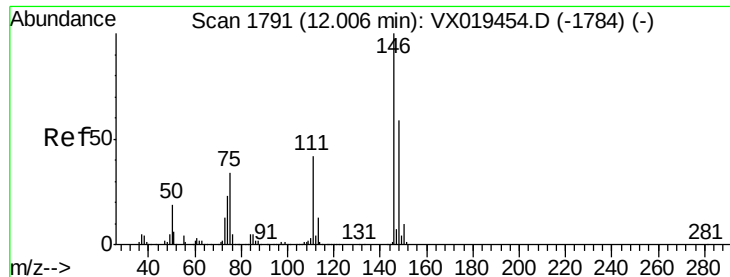
MMDadoda
 11/19/2020 11:58:39 AM



#86
 p-Isopropyltoluene
 Concen: 18.802 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	222396		
134	25.2	12.8	38.3	
91	26.0	12.6	37.6	





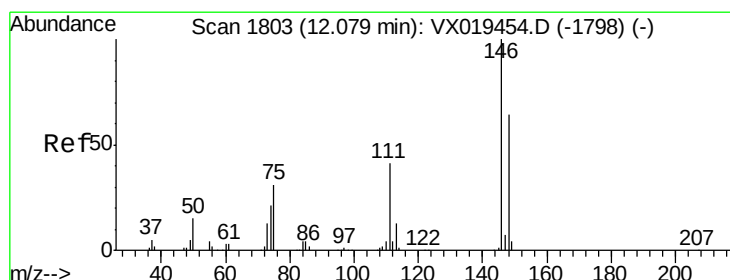
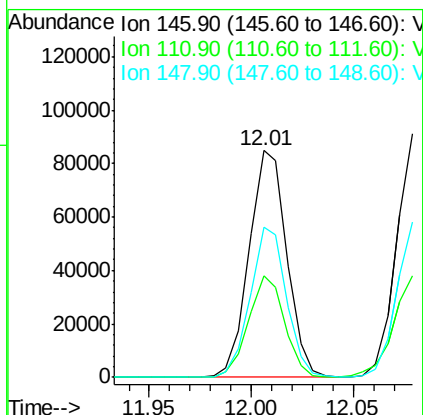
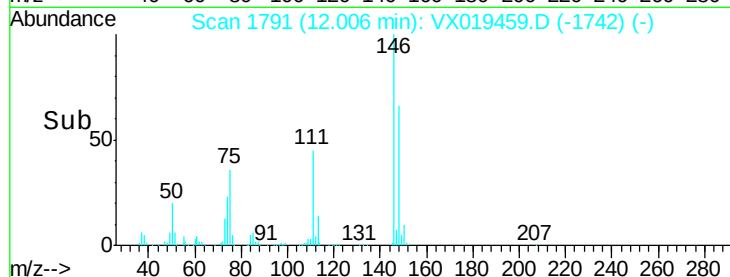
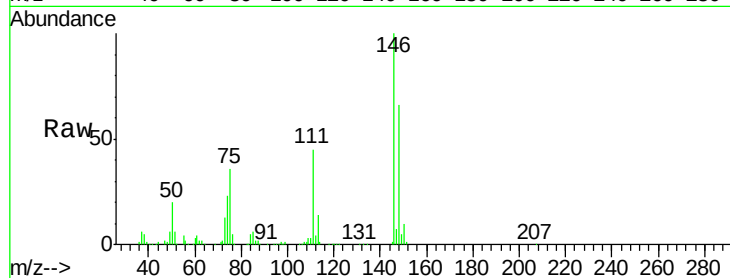
#87
 1,3-Dichlorobenzene
 Concen: 18.760 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	63.8	31.1	93.3

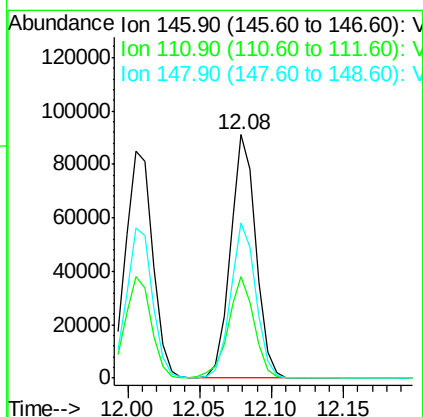
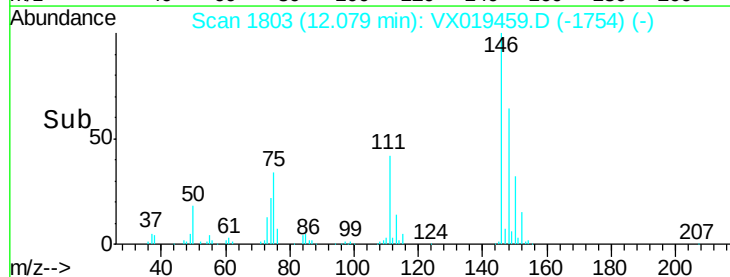
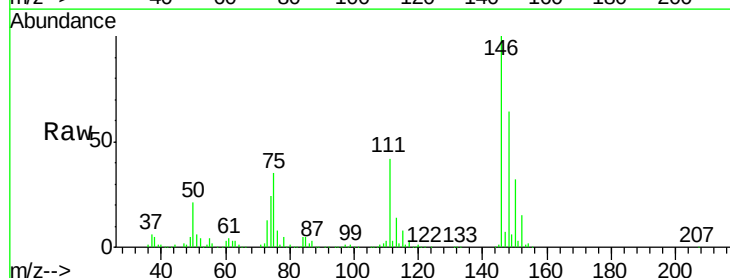
Manual Integrations
 APPROVED

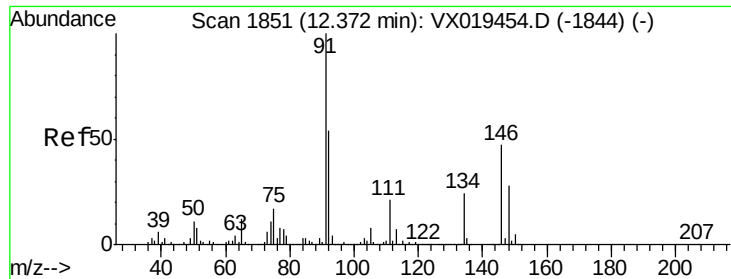
MMDadoda
 11/19/2020 11:58:39 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.831 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.7	62.1
148	63.6	31.4	94.0





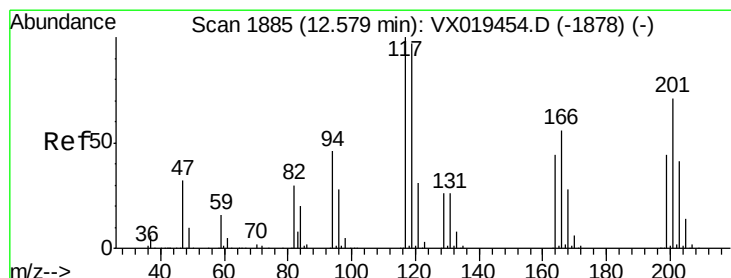
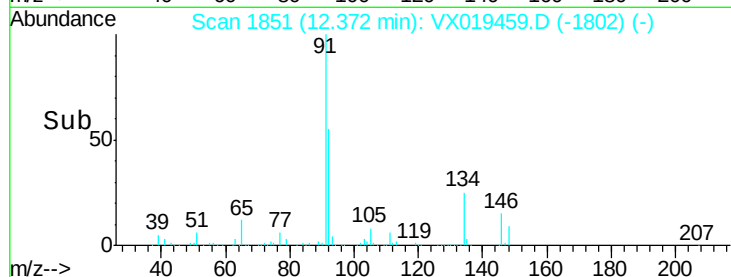
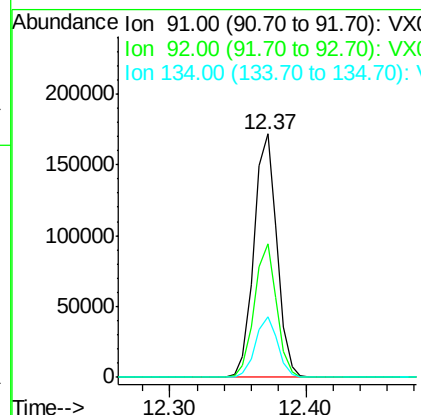
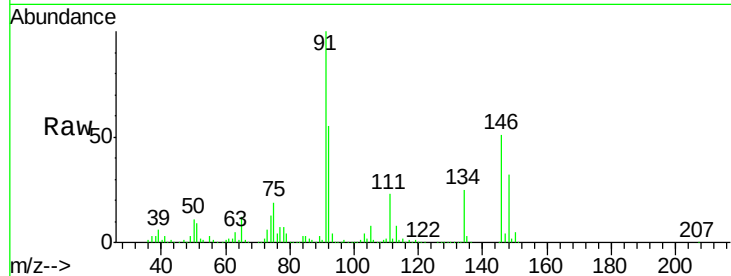
#89
n-Butylbenzene
Concen: 19.156 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	203117		
92	53.4	27.0	81.0	
134	24.3	12.0	36.1	

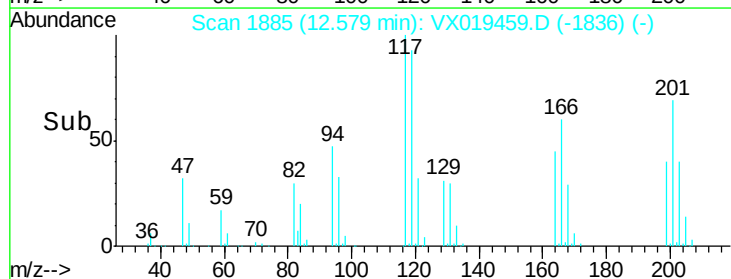
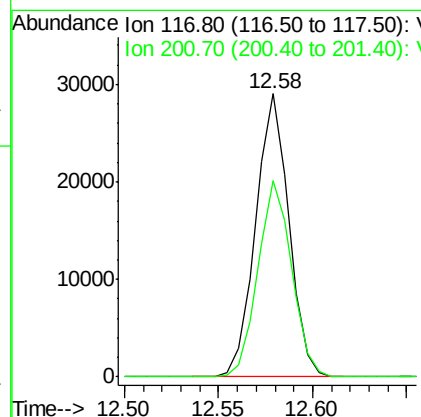
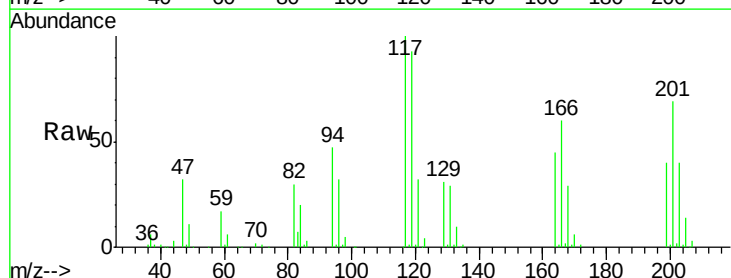
Manual Integrations
APPROVED

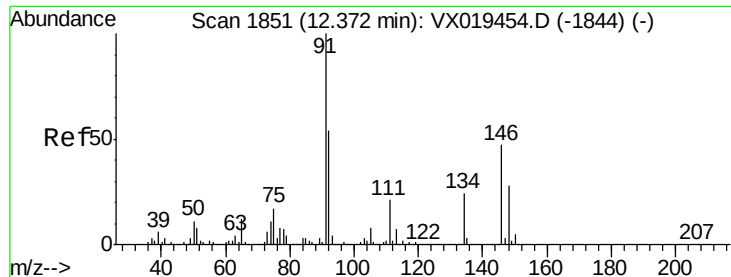
MMDadoda
11/19/2020 11:58:39 AM



#90
Hexachloroethane
Concen: 18.426 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35431		
201	70.3	35.8	107.3	





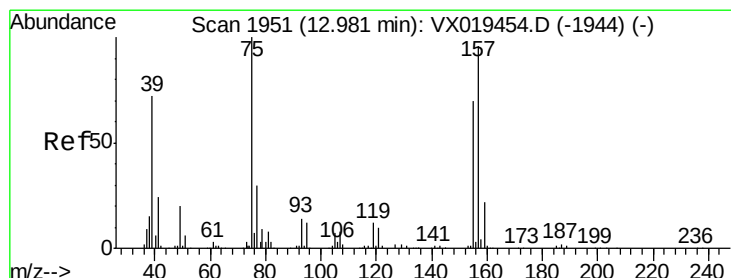
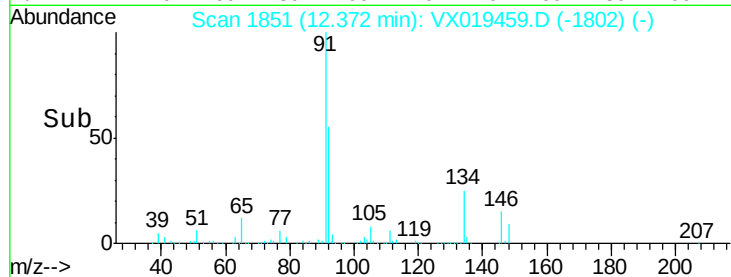
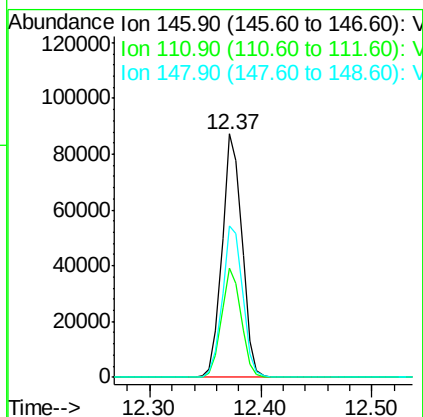
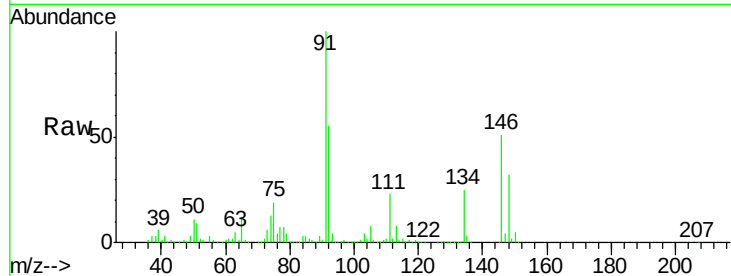
#91
 1,2-Dichlorobenzene
 Concen: 18.840 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.3
148	63.2	31.2	93.6

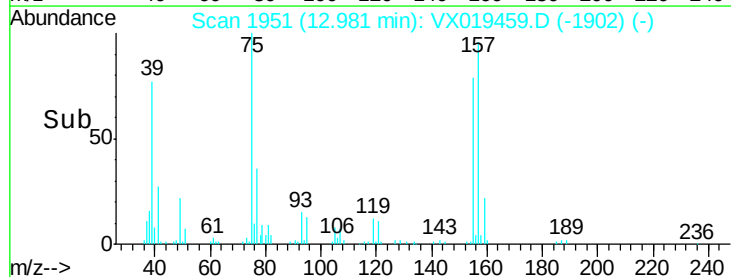
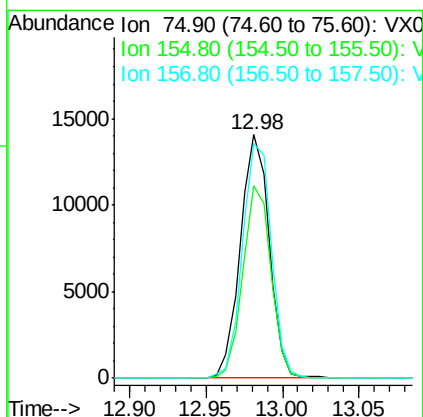
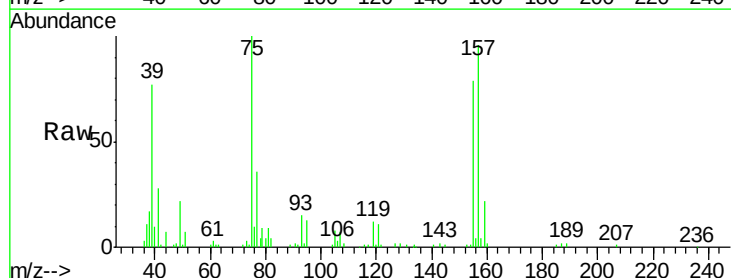
Manual Integrations
 APPROVED

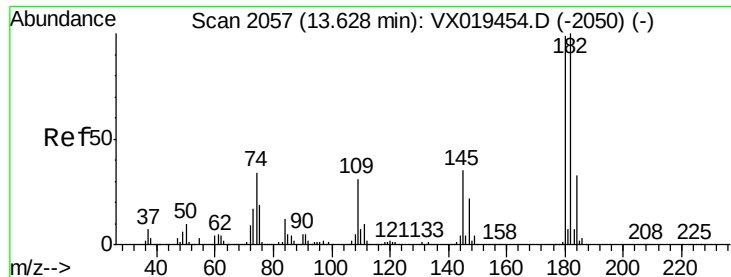
MMDadoda
 11/19/2020 11:58:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.105 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.8	36.4	109.1
157	96.9	47.9	143.8





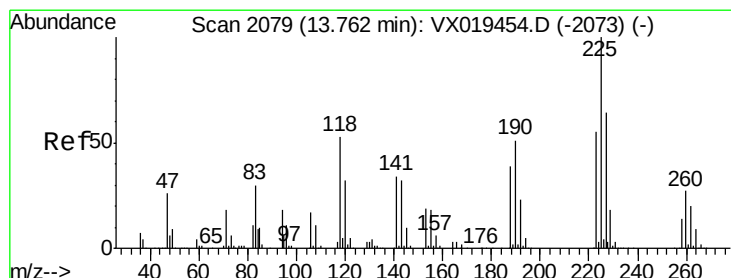
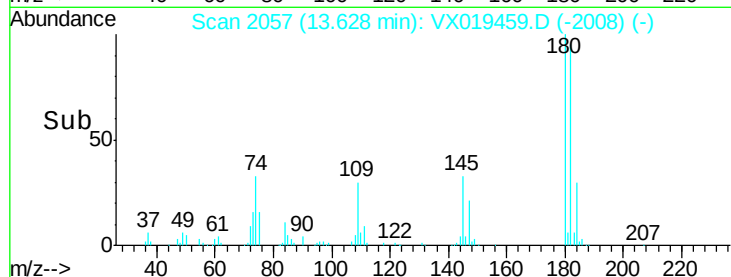
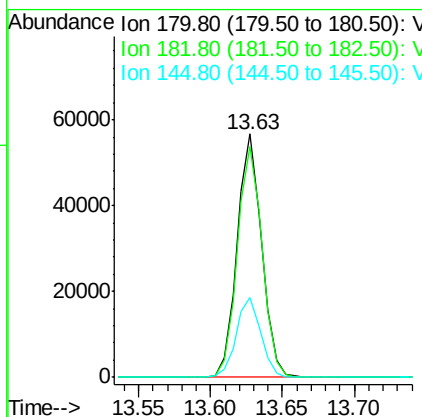
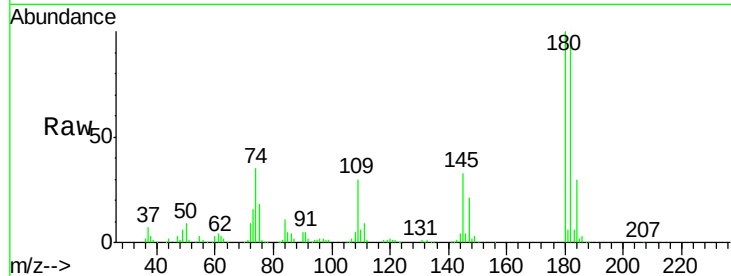
#93
 1,2,4-Trichlorobenzene
 Concen: 18.471 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	67155		
182	95.7	48.1	144.4	
145	33.3	16.9	50.6	

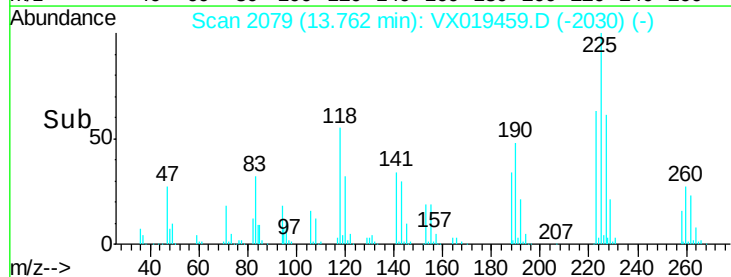
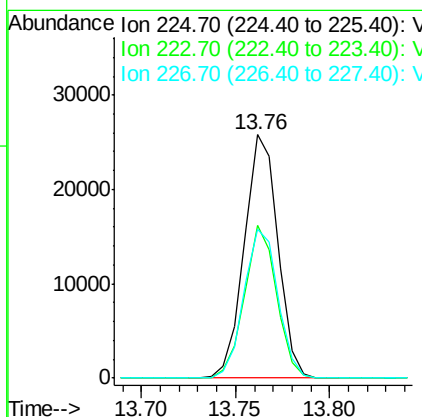
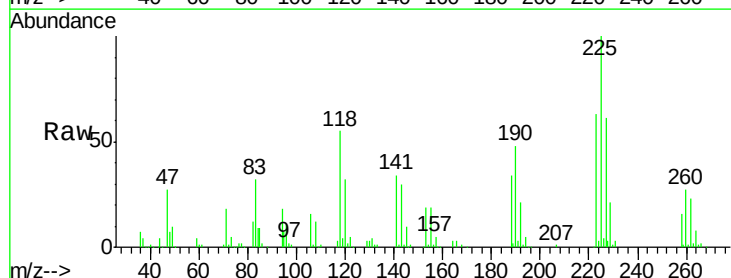
Manual Integrations
 APPROVED

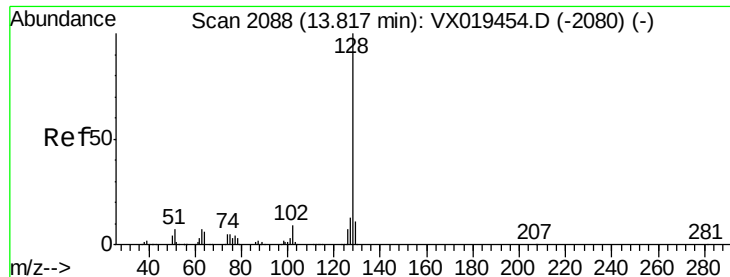
MMDadoda
 11/19/2020 11:58:39 AM



#94
 Hexachlorobutadiene
 Concen: 20.235 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019459.D
 Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31933		
223	60.0	29.9	89.8	
227	61.8	32.6	98.0	





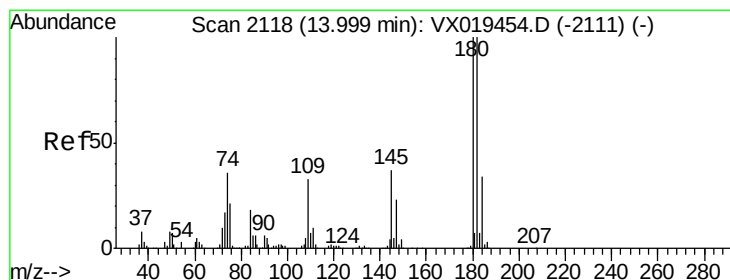
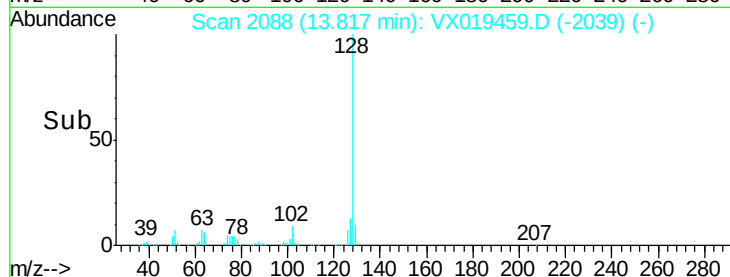
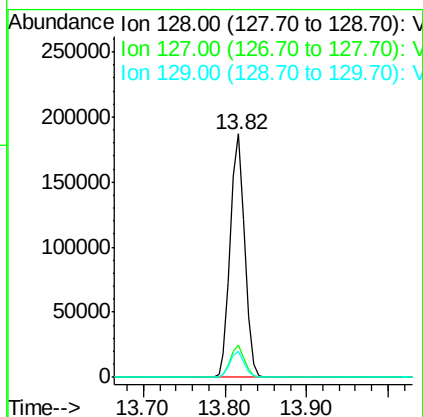
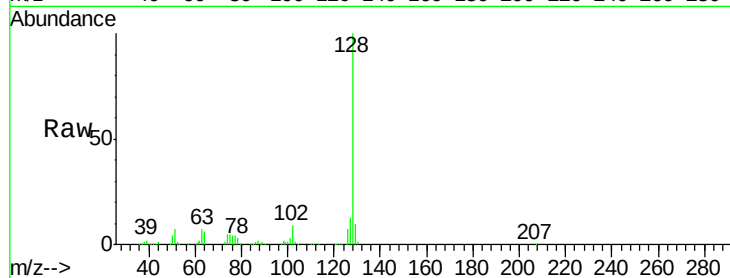
#95
Naphthalene
Concen: 17.964 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.578 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019459.D
Acq: 18 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	49.0	147.0
145	35.3	17.6	52.8

