

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092120\
 Data File : VX018523.D
 Acq On : 22 Sep 2020 14:28
 Operator : JC/SP
 Sample : MDL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 1:13:33 PM

Quant Time: Sep 23 02:38:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 01:46:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	584800	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	572033	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	274189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	195388	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.58%
7) Chloroethane-d5	1.70	69	149548	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.88%
11) 1,1-Dichloroethene-d2	2.34	63	313606	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.40%
21) 2-Butanone-d5	4.54	46	276718	107.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	5.14	84	405233	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.96%
26) 1,2-Dichloroethane-d4	6.03	65	295865	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
32) Benzene-d6	6.05	84	785711	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.92%
36) 1,2-Dichloropropane-d6	7.37	67	249959	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.22%
41) Toluene-d8	8.70	98	718361	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%
43) trans-1,3-Dichloropropene-	8.99	79	132500	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	9.43	63	199887	104.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.12%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	319797	51.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.42%
66) 1,2-Dichlorobenzene-d4	12.36	152	290644	54.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	11561	2.296 ug/L	89
3) Chloromethane	1.31	50	10349	2.692 ug/L	88
5) Vinyl chloride	1.39	62	11872m	2.777 ug/L	
6) Bromomethane	1.64	94	6194	2.718 ug/L	83
8) Chloroethane	1.72	64	6189	2.464 ug/L	95
9) Trichlorofluoromethane	1.92	101	17184	2.380 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	12570	3.202 ug/L #	82
12) 1,1-Dichloroethene	2.36	96	11526m	3.129 ug/L	
13) Acetone	2.44	43	8880	4.682 ug/L	100
14) Carbon disulfide	2.55	76	27621	2.466 ug/L	97
15) Methyl Acetate	2.75	43	9693	2.408 ug/L #	89
16) Methylene chloride	2.84	84	12565	3.113 ug/L	90
17) trans-1,2-Dichloroethene	3.15	96	9526	2.457 ug/L #	90
18) Methyl tert-butyl Ether	3.17	73	27079	2.168 ug/L #	88
19) 1,1-Dichloroethane	3.67	63	16411	2.277 ug/L	95
20) cis-1,2-Dichloroethene	4.57	96	11510m	2.715 ug/L	
22) 2-Butanone	4.65	43	11919	4.139 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092120\
 Data File : VX018523.D
 Acq On : 22 Sep 2020 14:28
 Operator : JC/SP
 Sample : MDL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 1:13:33 PM

Quant Time: Sep 23 02:38:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 01:46:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.99	128	6096	2.614	ug/L #	74
25) Chloroform	5.17	83	37675	4.676	ug/L	96
27) 1,2-Dichloroethane	6.16	62	15042	2.333	ug/L	97
29) Cyclohexane	5.56	56	13190	2.102	ug/L #	64
30) 1,1,1-Trichloroethane	5.47	97	17092	2.224	ug/L	96
31) Carbon tetrachloride	5.76	117	16321	2.351	ug/L	96
33) Benzene	6.12	78	37795	2.355	ug/L	100
34) Trichloroethene	7.19	95	10321	2.305	ug/L	93
35) Methylcyclohexane	7.44	83	13501	2.075	ug/L	90
37) 1,2-Dichloropropane	7.49	63	10417	2.460	ug/L #	93
38) Bromodichloromethane	7.88	83	14493	2.384	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	15189	2.222	ug/L	94
40) 4-Methyl-2-pentanone	8.62	43	22521	4.010	ug/L	99
42) Toluene	8.77	91	38914	2.257	ug/L	95
44) trans-1,3-Dichloropropene	9.02	75	15352	2.207	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	9307	2.269	ug/L	95
46) Tetrachloroethene	9.32	164	9661	2.622	ug/L #	76
48) 2-Hexanone	9.47	43	19496	4.407	ug/L	98
49) Dibromochloromethane	9.56	129	11912	2.305	ug/L	99
50) 1,2-Dibromoethane	9.66	107	10578	2.345	ug/L #	87
51) Chlorobenzene	10.12	112	25848	2.232	ug/L	92
52) Ethylbenzene	10.24	91	42929	2.236	ug/L	97
53) m,p-Xylene	10.34	106	15191	2.077	ug/L	98
54) o-Xylene	10.68	106	13366	1.897	ug/L	97
55) Styrene	10.70	104	23871	1.968	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	15224	2.425	ug/L #	97
59) Bromoform	10.84	173	8396	2.322	ug/L #	91
60) Isopropylbenzene	11.01	105	37001	2.109	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	11425	2.310	ug/L	90
62) 1,3,5-Trimethylbenzene	11.49	105	27488	1.898	ug/L	95
63) 1,2,4-Trimethylbenzene	11.79	105	27584	1.870	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	18526	2.138	ug/L	83
65) 1,4-Dichlorobenzene	12.08	146	21078	2.409	ug/L	96
67) 1,2-Dichlorobenzene	12.38	146	20723	2.484	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.99	75	3748	2.583	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.15	180	14267	2.482	ug/L	91
70) 1,2,4-trichlorobenzene	13.63	180	11472	2.175	ug/L	97
71) Naphthalene	13.82	128	30263	1.838	ug/L	100
72) 1,2,3-Trichlorobenzene	14.01	180	11227	2.123	ug/L	95

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

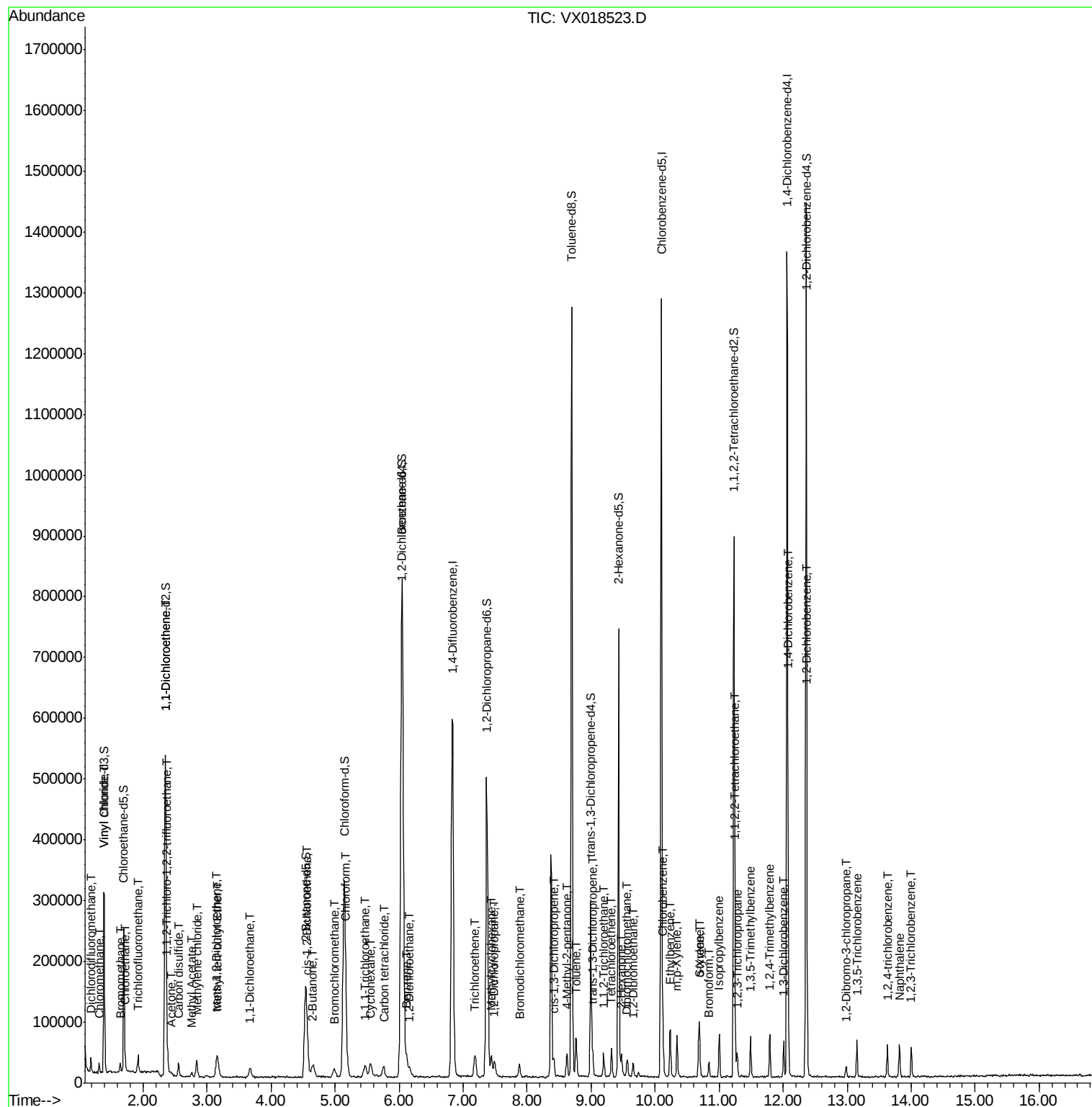
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092120\
Data File : VX018523.D
Acq On : 22 Sep 2020 14:28
Operator : JC/SP
Sample : MDL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

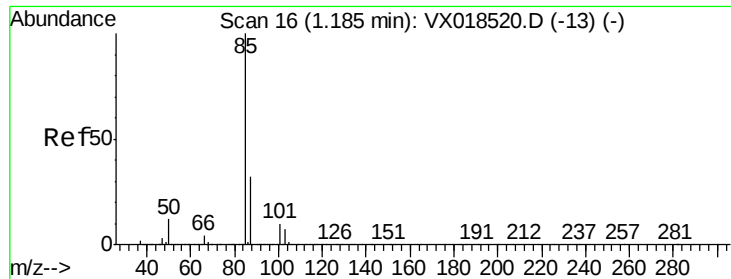
Instrument :
MSVOA_X
ClientSampleId :
MDL01

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM

Quant Time: Sep 23 02:38:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML092120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 23 01:46:10 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.296 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 85 Resp: 11561

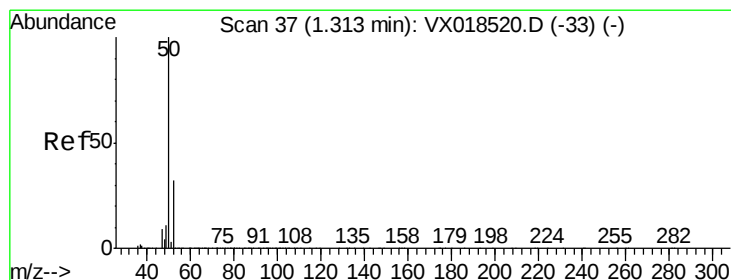
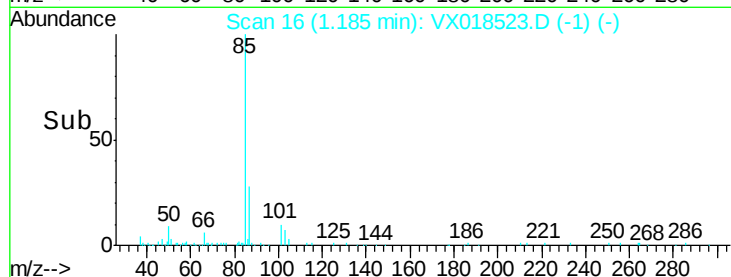
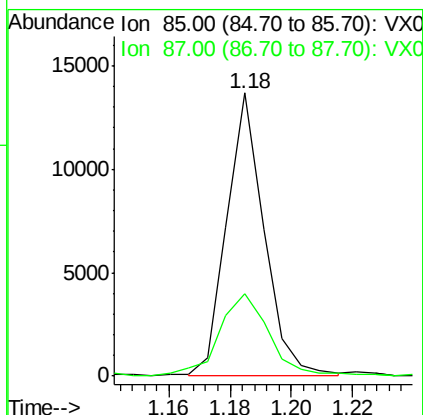
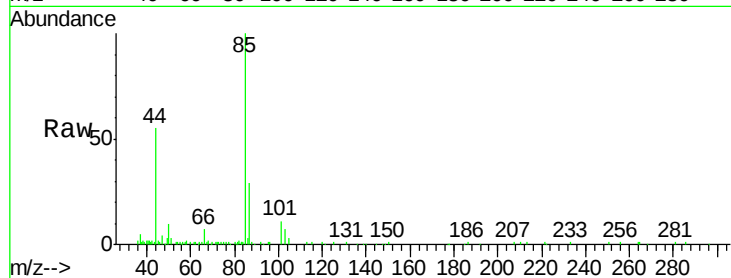
Ion Ratio Lower Upper

85 100

87 39.0 26.2 39.4

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#3

Chloromethane

Concen: 2.692 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018523.D

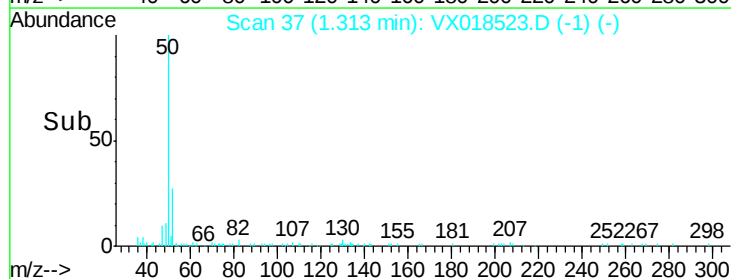
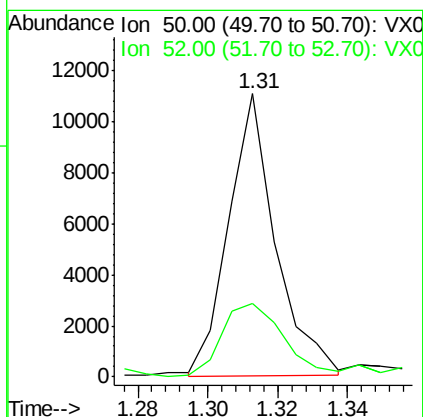
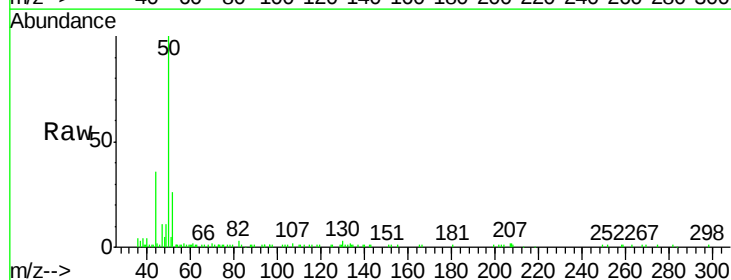
Acq: 22 Sep 2020 14:28

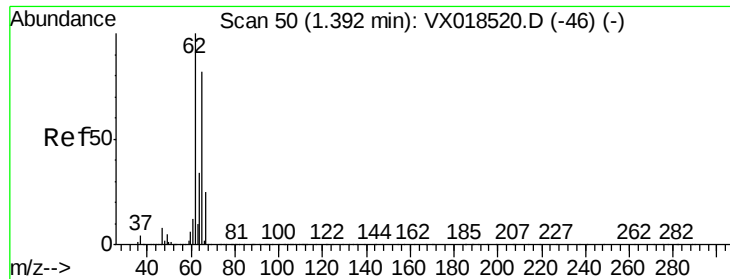
Tgt Ion: 50 Resp: 10349

Ion Ratio Lower Upper

50 100

52 26.1 23.0 42.6





#5

Vinyl chloride

Concen: 2.777 ug/L m

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 62 Resp: 11872

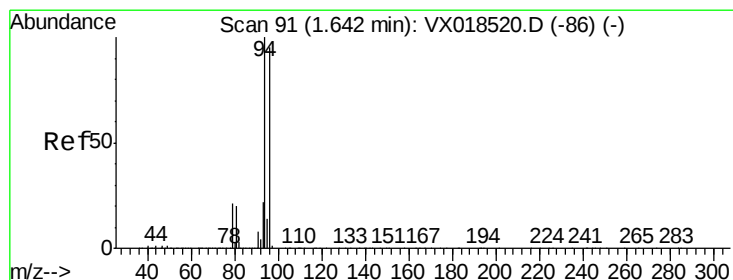
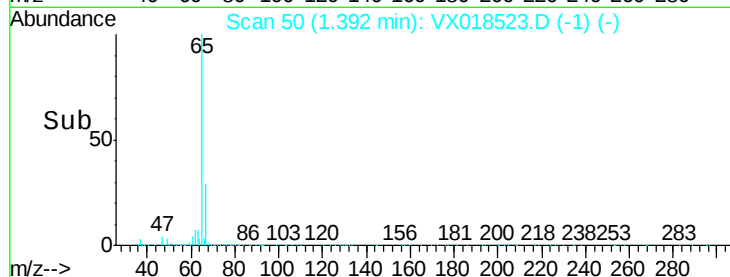
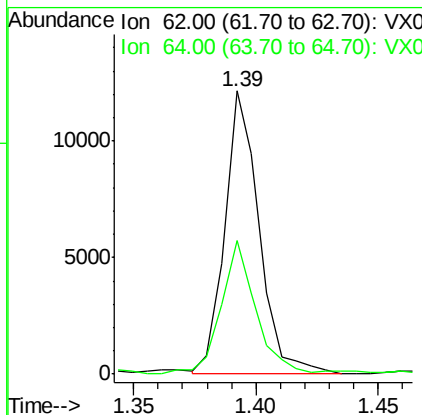
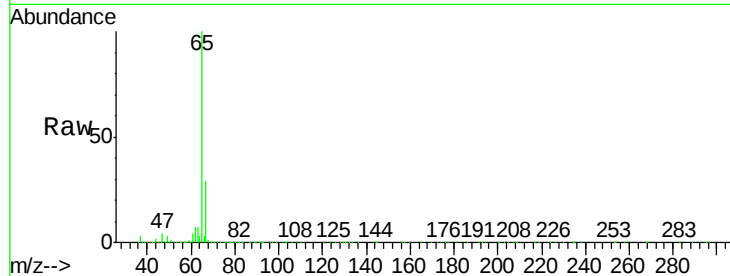
Ion Ratio Lower Upper

62 100

64 47.2 23.0 42.6#

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#6

Bromomethane

Concen: 2.718 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018523.D

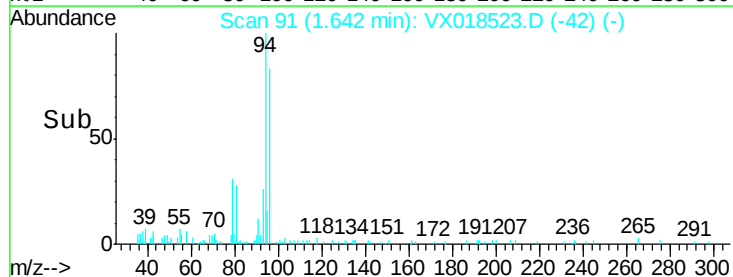
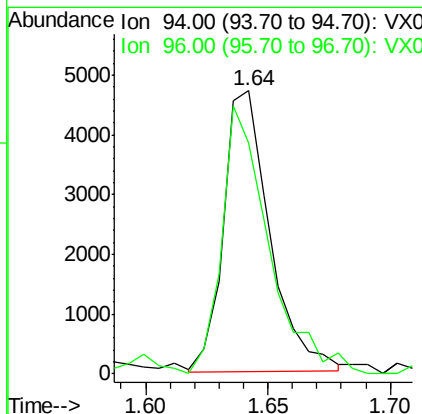
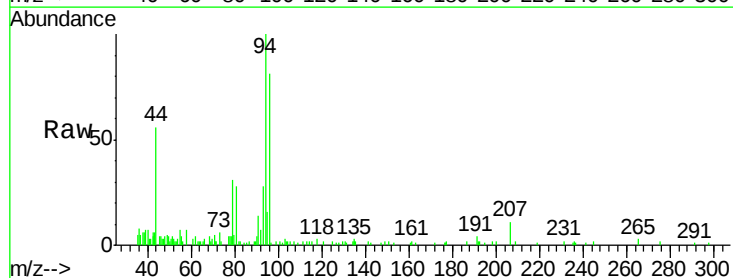
Acq: 22 Sep 2020 14:28

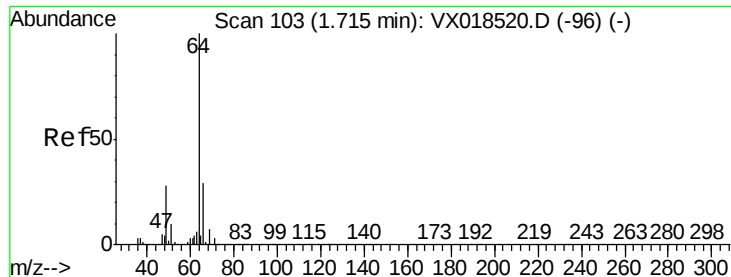
Tgt Ion: 94 Resp: 6194

Ion Ratio Lower Upper

94 100

96 81.4 69.2 128.4





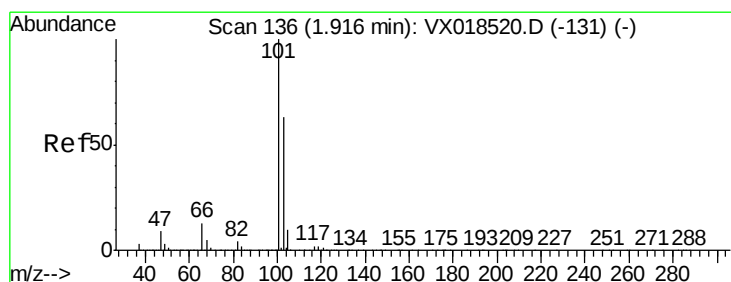
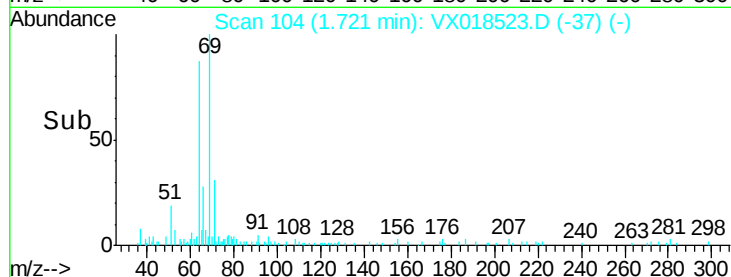
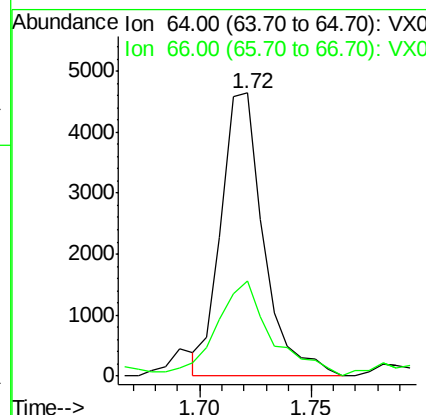
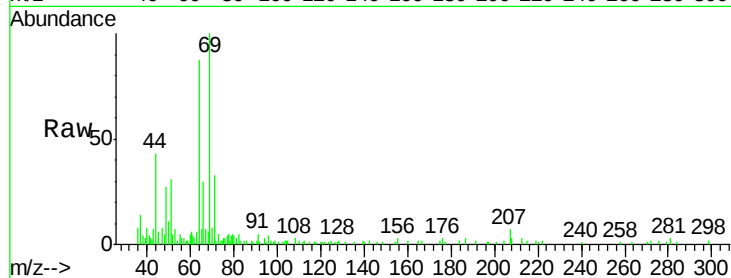
#8
Chloroethane
Concen: 2.464 ug/L
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ratio	Lower	Upper
64	100		
66	33.8	21.6	40.2

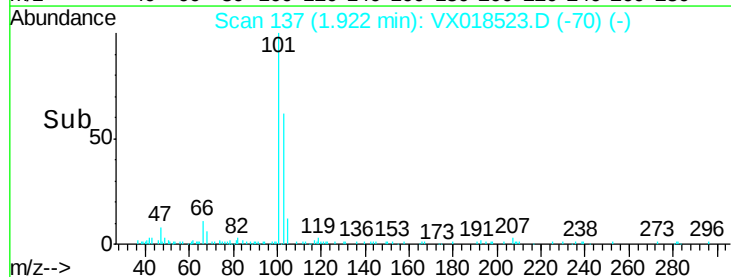
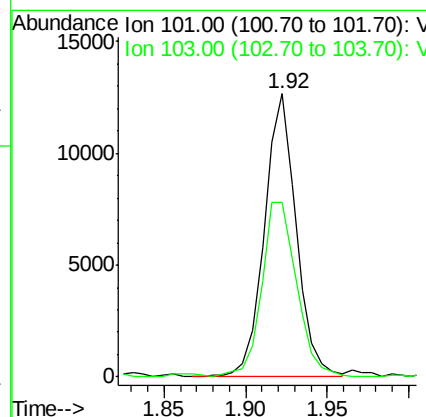
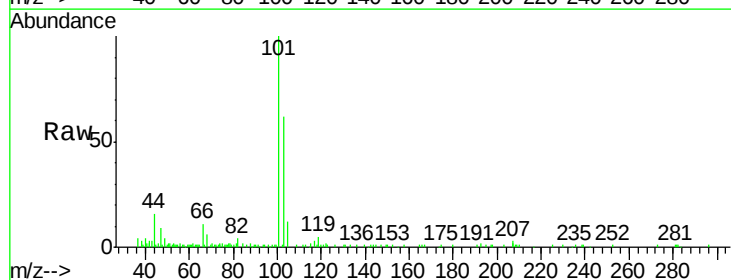
Manual Integrations
APPROVED

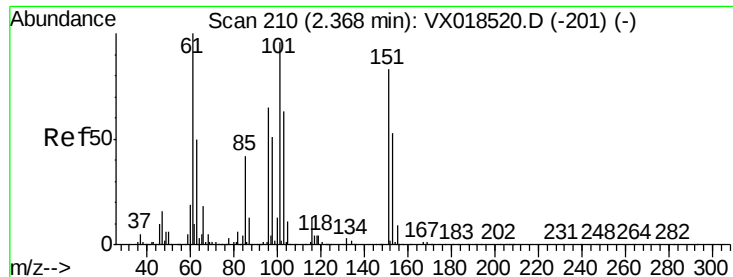
MMDadoda
10/6/2020 1:13:33 PM



#9
Trichlorofluoromethane
Concen: 2.380 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
101	100		
103	68.1	51.5	77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.202 ug/L

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

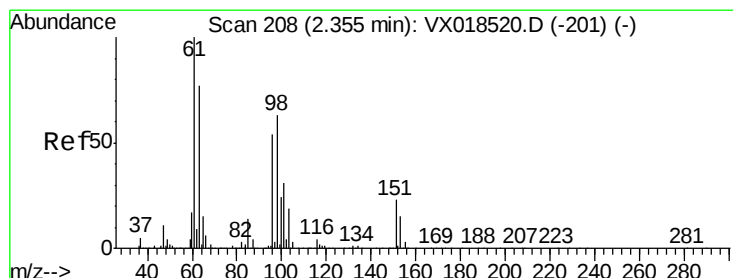
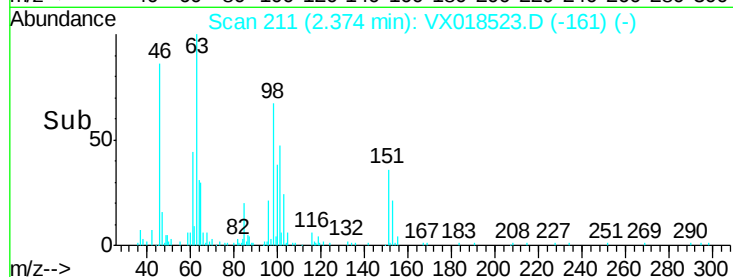
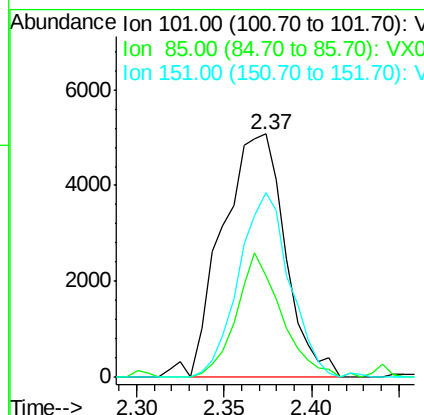
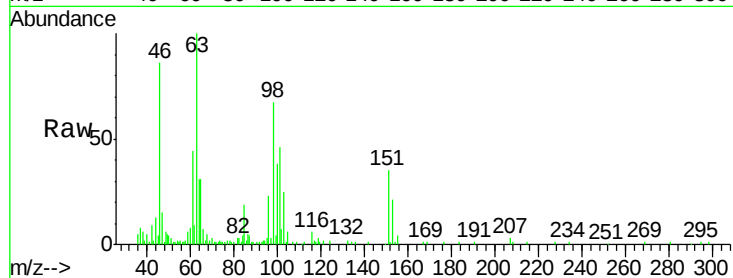
ClientSampleId :

MDL01

Tot Ion:	101	Resp:	12570
Ion Ratio	Lower	Upper	
101	100		
85	36.8	34.9	52.3
151	62.0	65.0	97.4#

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#12

1,1-Dichloroethene

Concen: 3.129 ug/L m

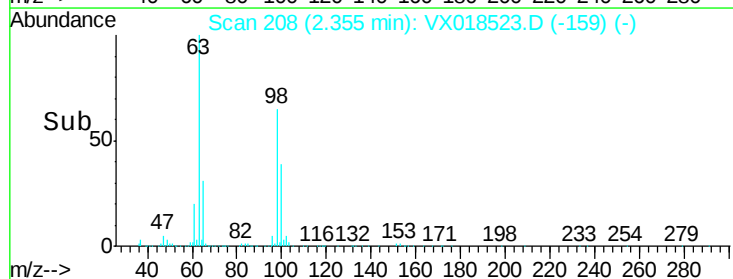
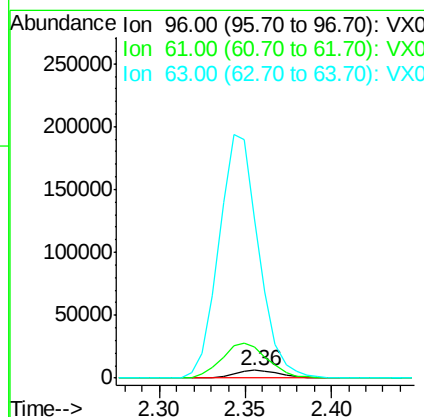
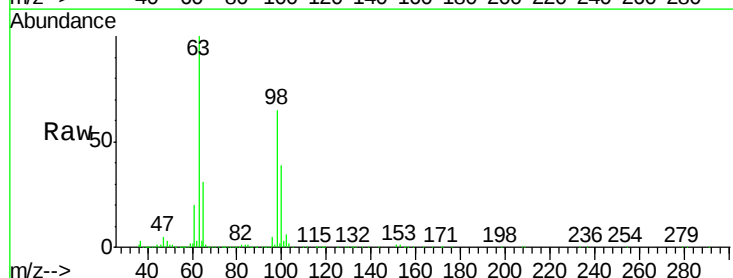
RT: 2.36 min Scan# 208

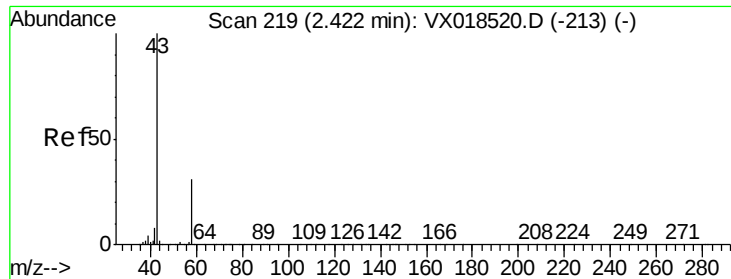
Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion:	96	Resp:	11526
Ion Ratio	Lower	Upper	
96	100		
61	405.9	126.8	235.6#
63	2067.7	100.3	186.3#





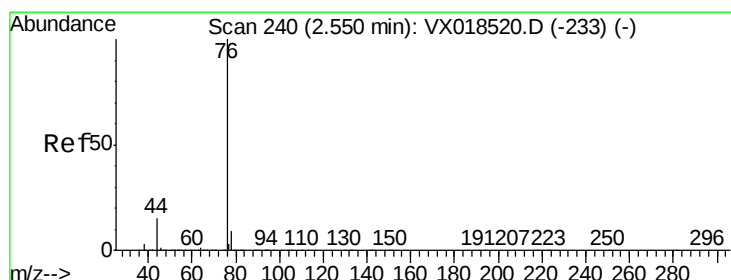
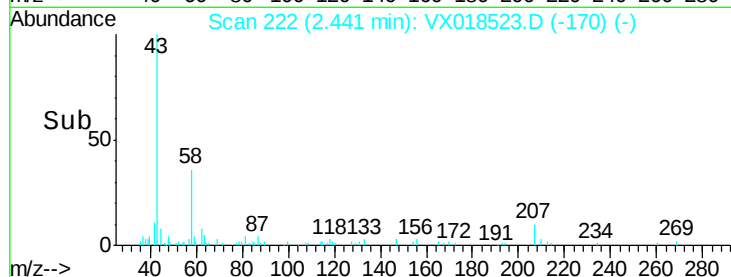
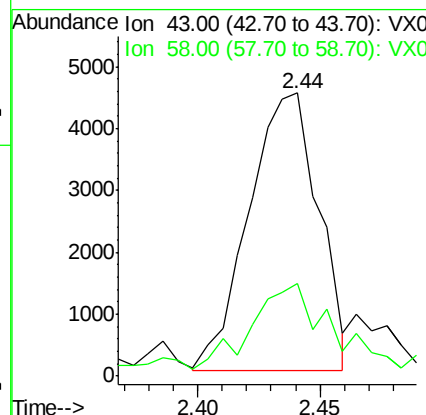
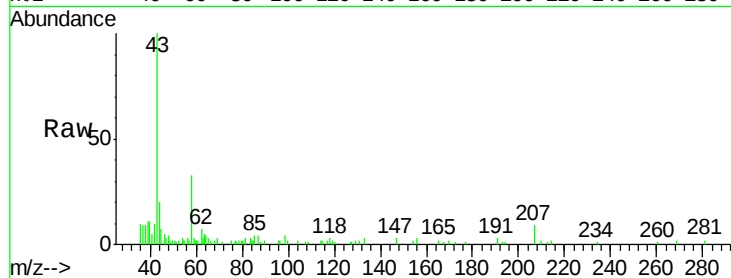
#13
Acetone
Concen: 4.682 ug/L
RT: 2.44 min Scan# 222
Delta R.T. 0.02 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	43	58	Ratio	100	28.9	Resp:	8880	Lower	0.0	Upper	57.6
Ion	43	58	Ratio	100	28.9	Resp:	8880	Lower	0.0	Upper	57.6

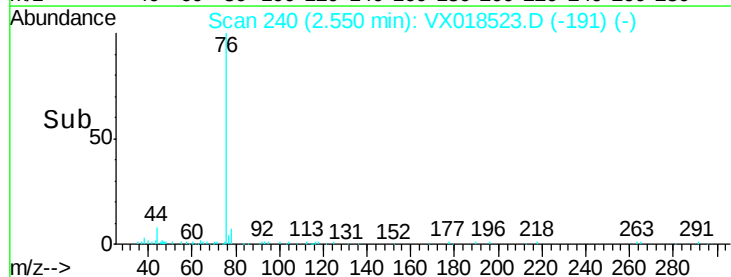
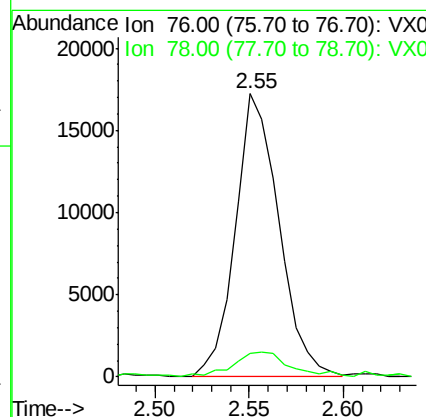
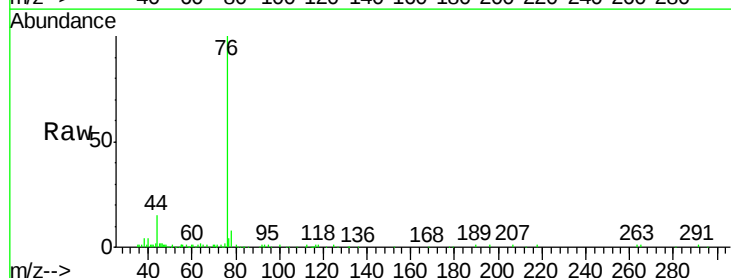
Manual Integrations
APPROVED

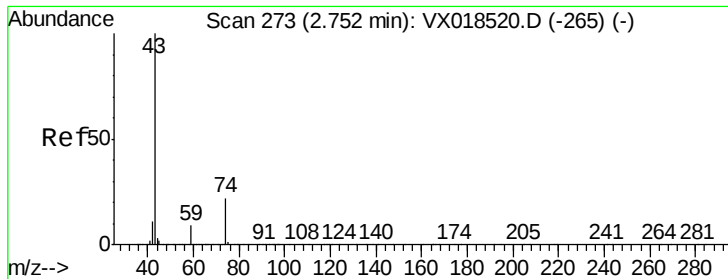
MMDadoda
10/6/2020 1:13:33 PM



#14
Carbon disulfide
Concen: 2.466 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Tgt Ion	76	78	Ratio	100	8.2	Resp:	27621	Lower	7.4	Upper	11.2
Ion	76	78	Ratio	100	8.2	Resp:	27621	Lower	7.4	Upper	11.2





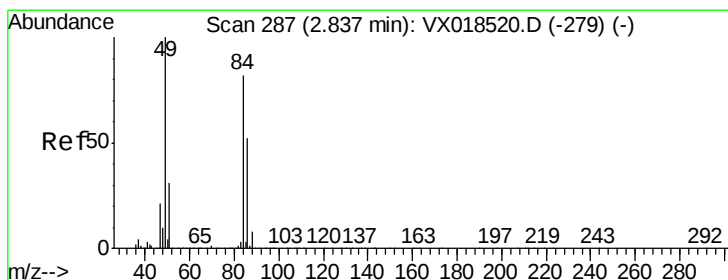
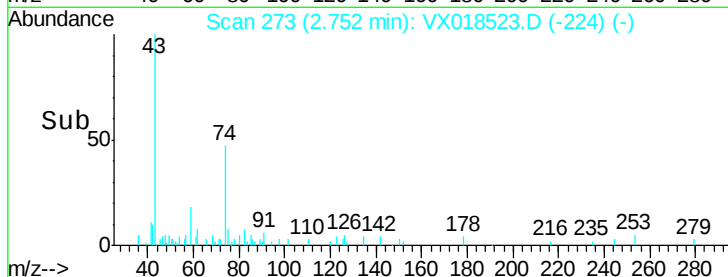
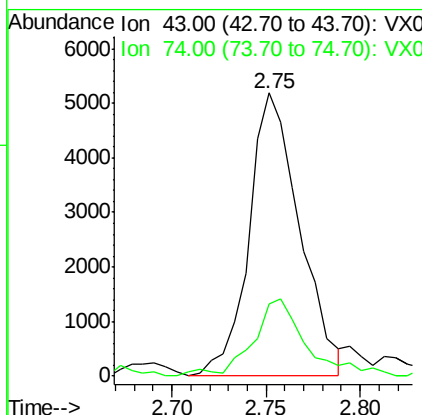
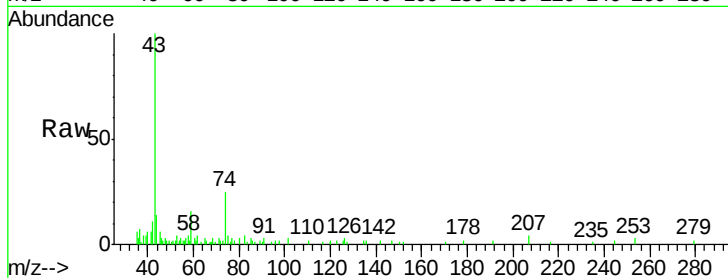
#15
Methyl Acetate
Concen: 2.408 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	9693		
74	26.8		0.1	0.1#

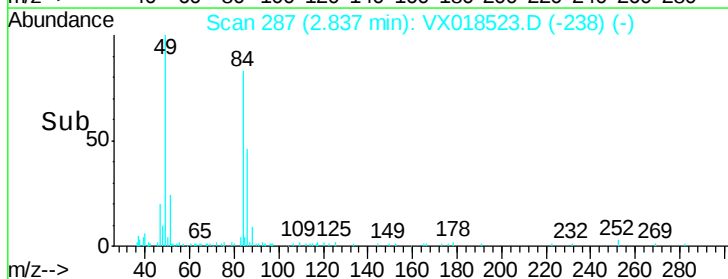
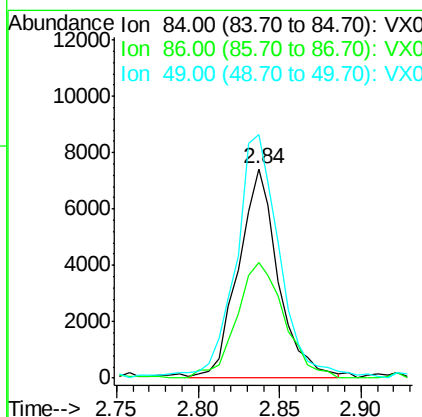
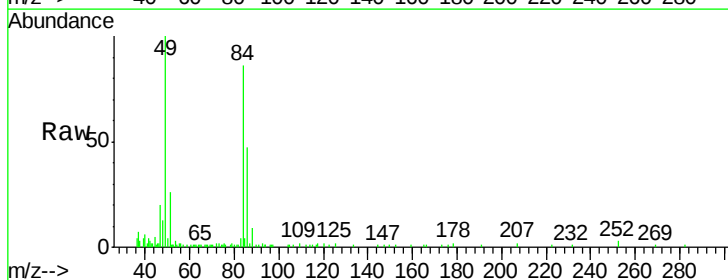
Manual Integrations
APPROVED

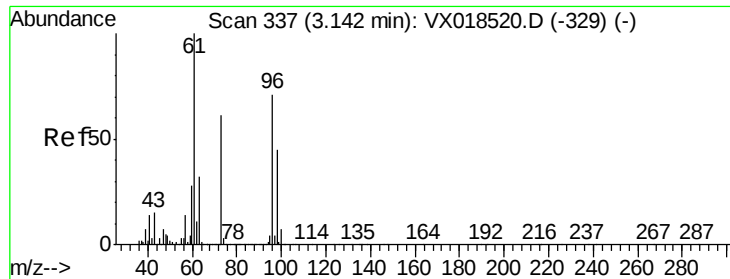
MMDadoda
10/6/2020 1:13:33 PM



#16
Methylene chloride
Concen: 3.113 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	12565		
86	55.0		46.1	85.7
49	116.4		88.5	164.3





#17

trans-1,2-Dichloroethene

Concen: 2.457 ug/L

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

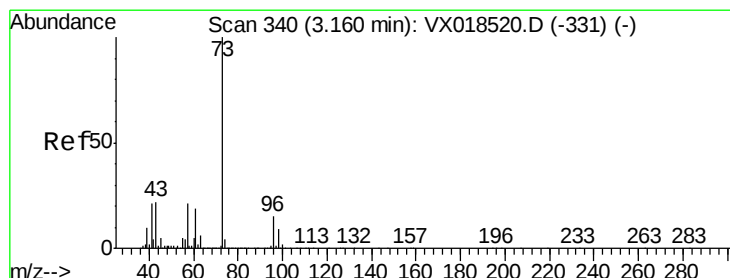
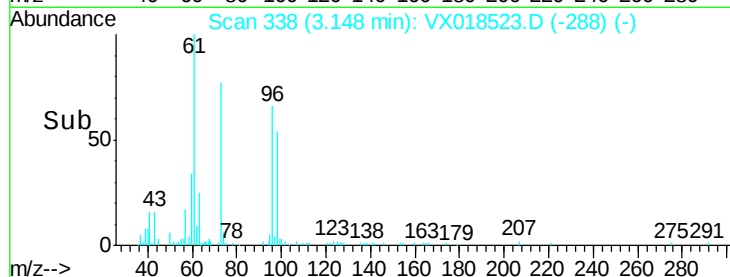
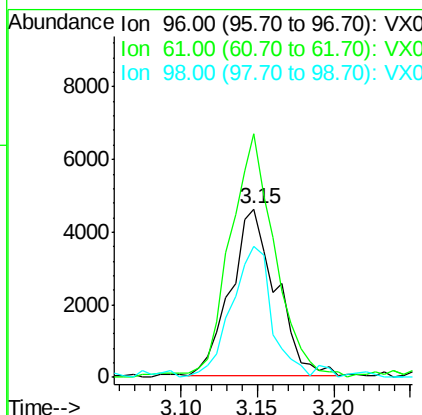
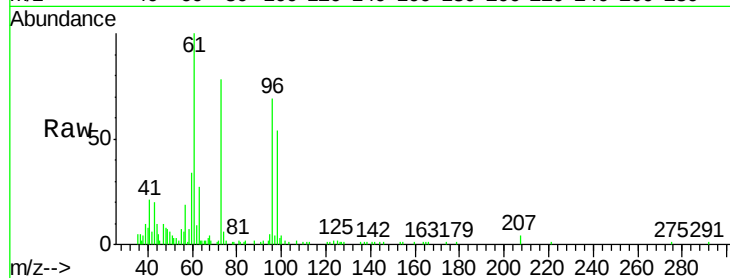
ClientSampleId :

MDL01

Tot Ion:	96	Resp:	9526
Ion	Ratio	Lower	Upper
96	100		
61	144.9	98.3	182.5
98	78.1	42.0	78.0#

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#18

Methyl tert-butyl Ether

Concen: 2.168 ug/L

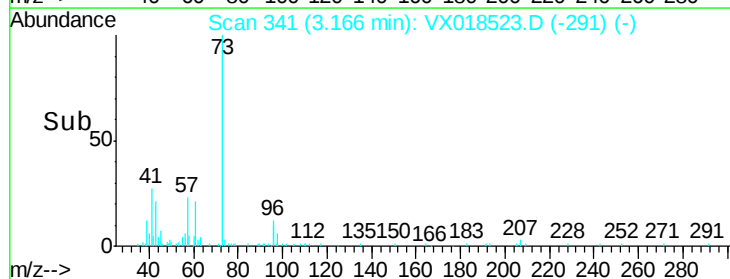
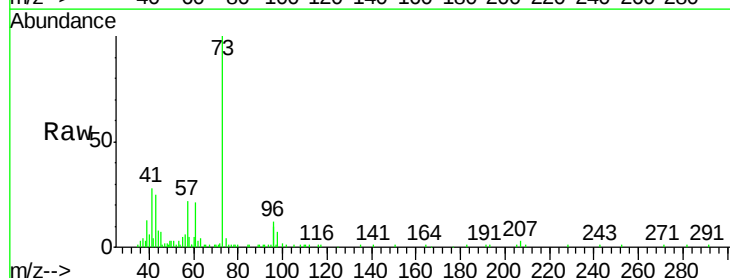
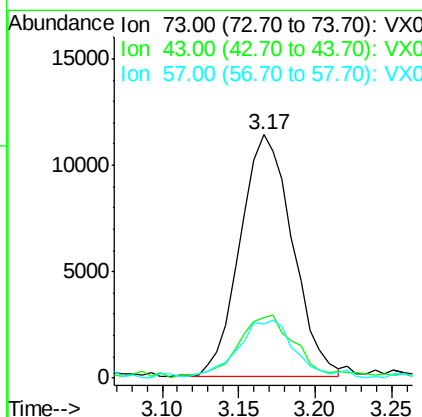
RT: 3.17 min Scan# 341

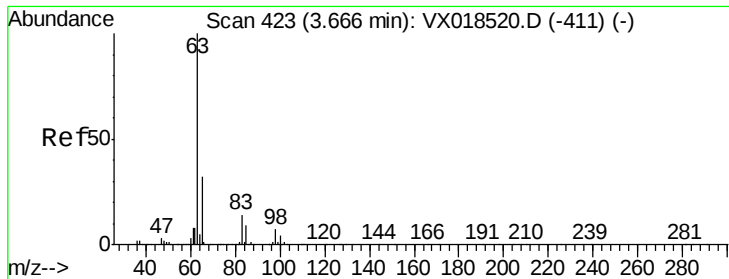
Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion:	73	Resp:	27079
Ion	Ratio	Lower	Upper
73	100		
43	29.7	17.8	26.6#
57	25.4	17.1	25.7





#19

1,1-Dichloroethane

Concen: 2.277 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

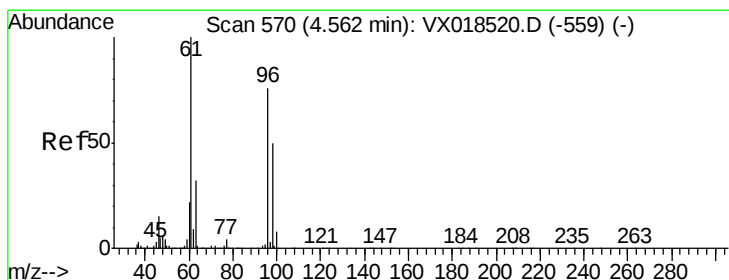
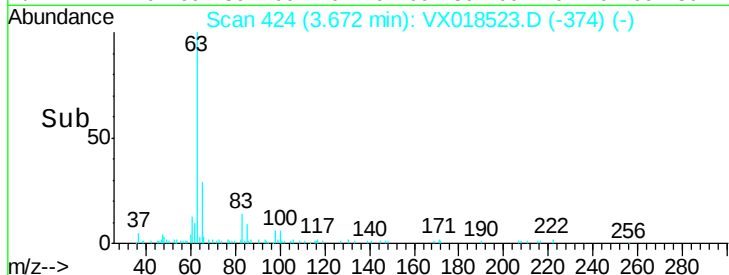
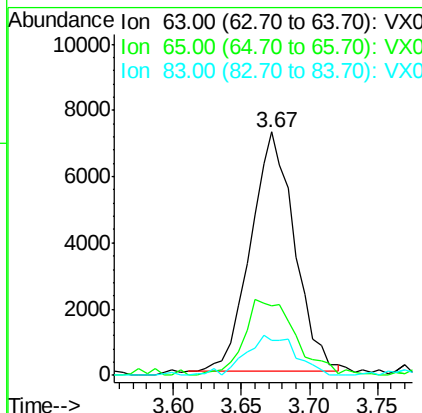
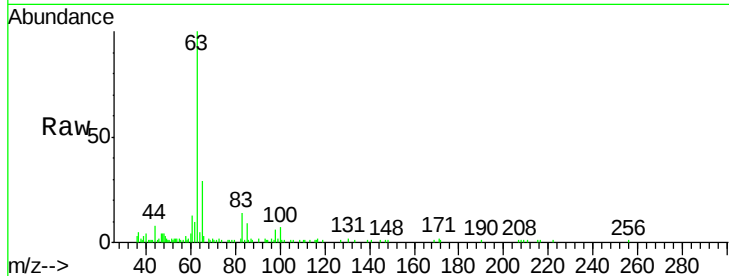
ClientSampled :

MDL01

Tot Ion:	63	Resp:	16411
Ion Ratio	Lower	Upper	
63	100		
65	28.6	22.5	41.7
83	14.5	9.7	17.9

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#20

cis-1,2-Dichloroethene

Concen: 2.715 ug/L m

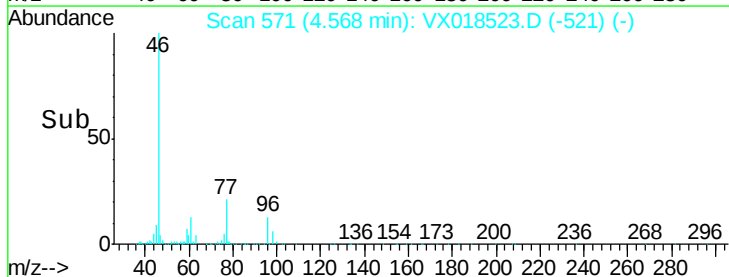
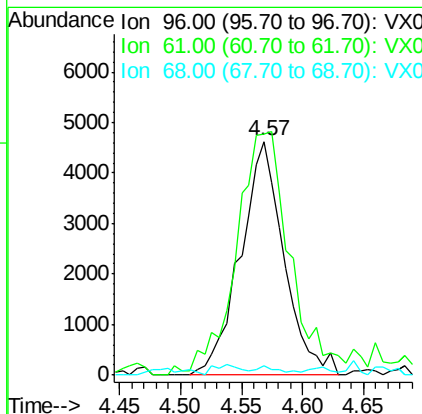
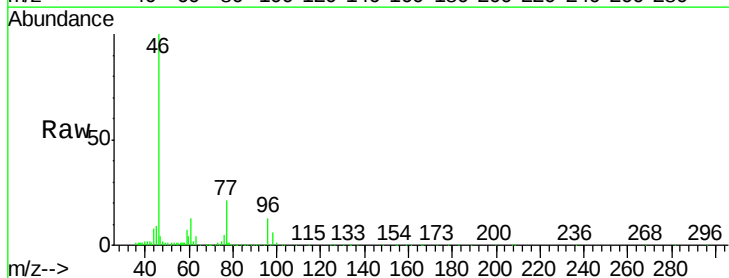
RT: 4.57 min Scan# 571

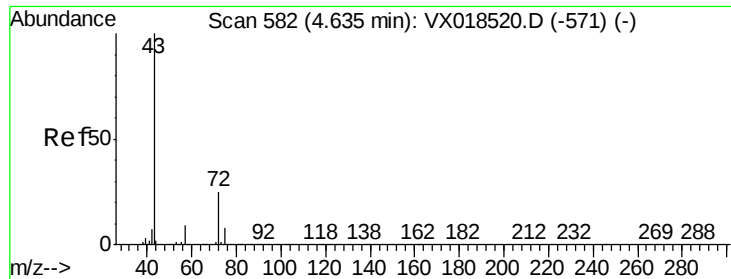
Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion:	96	Resp:	11510
Ion Ratio	Lower	Upper	
96	100		
61	103.2	91.8	170.6
68	2.1	0.0	0.0#





#22

2-Butanone

Concen: 4.139 ug/L

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 43 Resp: 11919

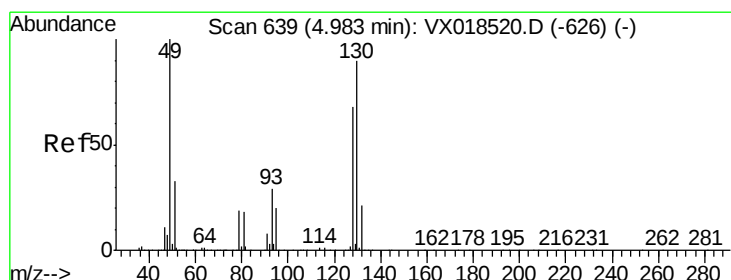
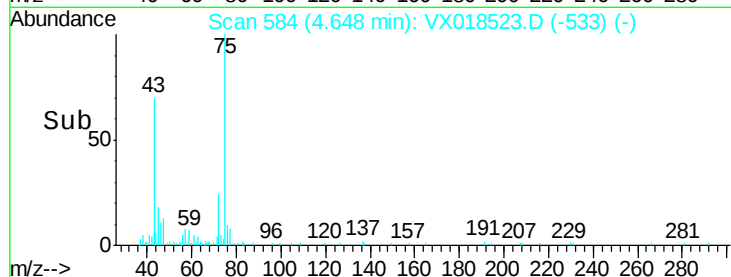
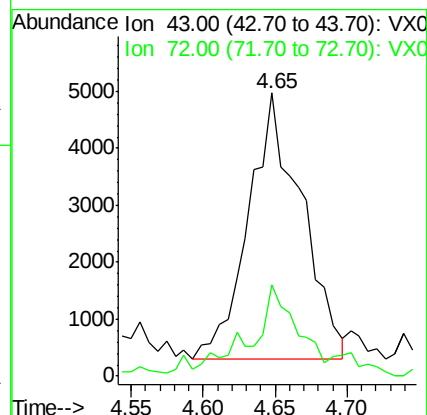
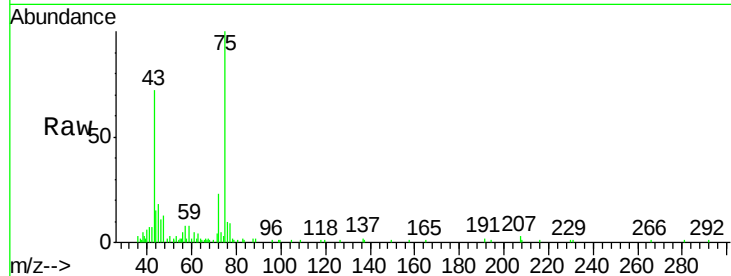
Ion Ratio Lower Upper

43 100

72 22.6 12.9 38.6

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#23

Bromochloromethane

Concen: 2.614 ug/L

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion: 128 Resp: 6096

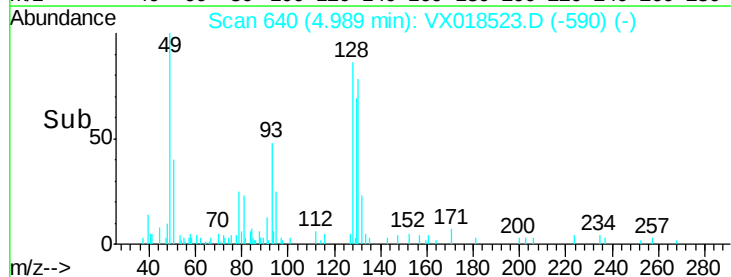
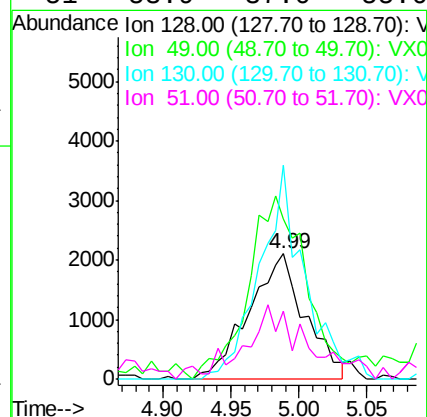
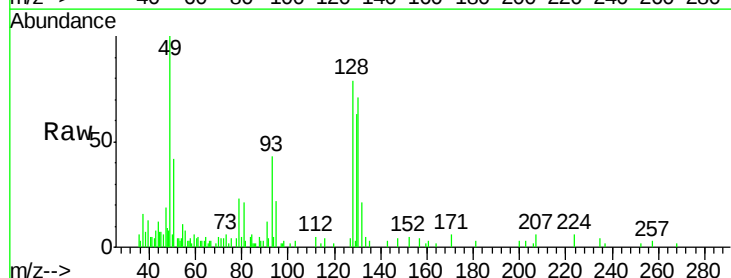
Ion Ratio Lower Upper

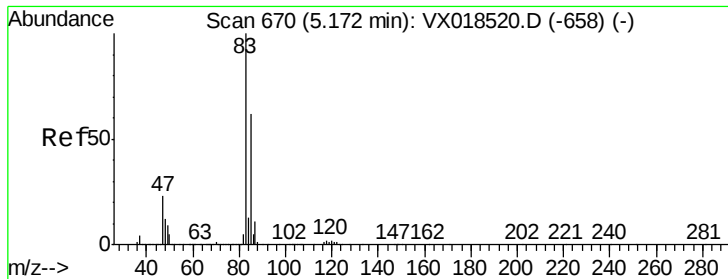
128 100

49 127.2 104.9 194.7

130 170.4 86.5 160.7#

51 53.9 37.0 55.6





#25

Chloroform

Concen: 4.676 ug/L

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 83 Resp: 37675

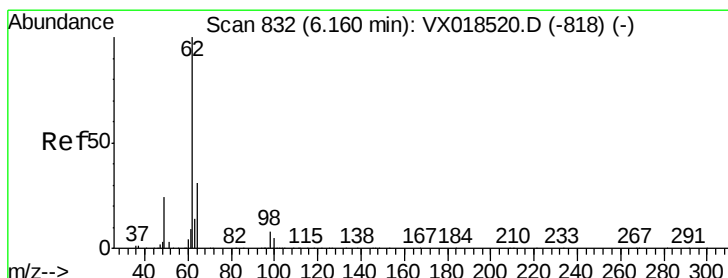
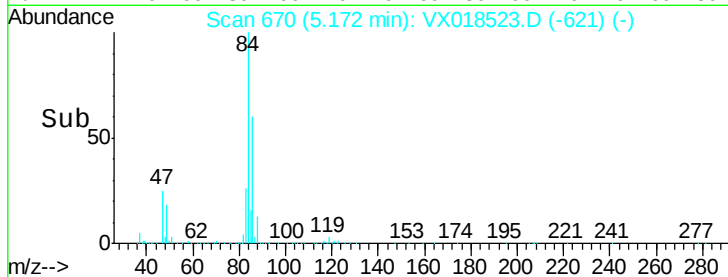
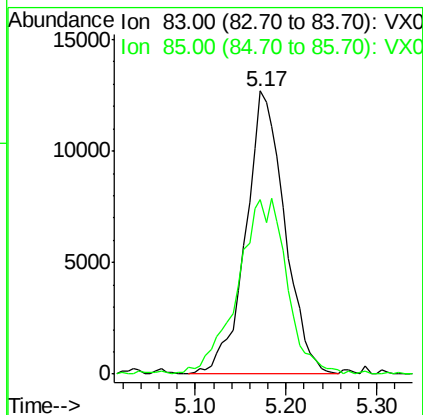
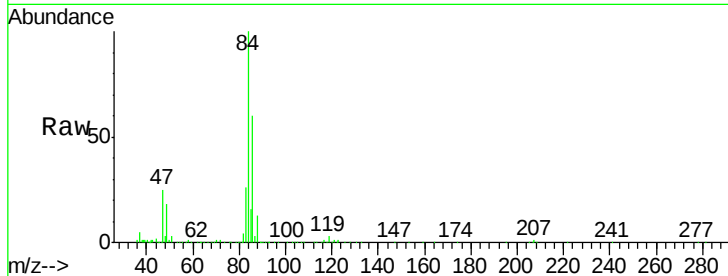
Ion Ratio Lower Upper

83 100

85 61.7 45.6 84.8

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#27

1,2-Dichloroethane

Concen: 2.333 ug/L

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018523.D

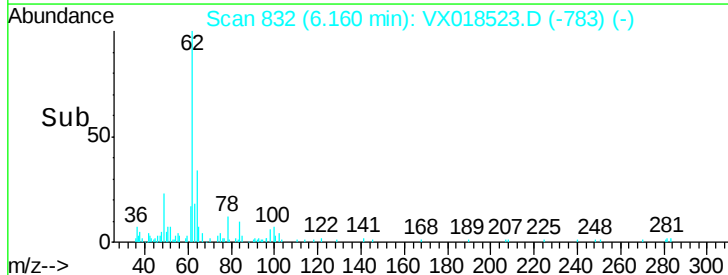
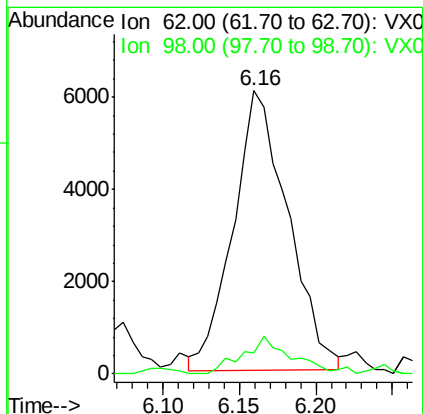
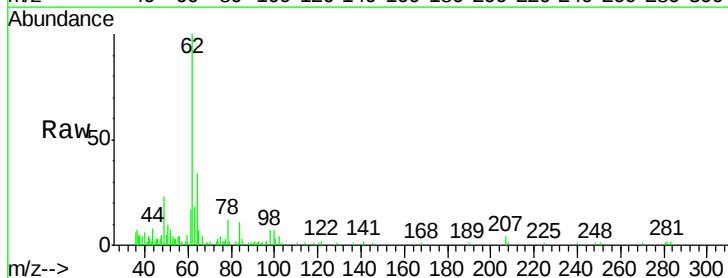
Acq: 22 Sep 2020 14:28

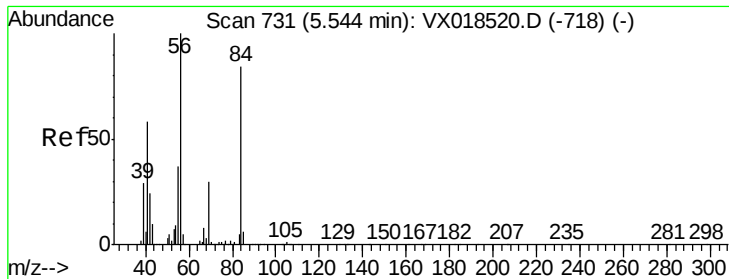
Tgt Ion: 62 Resp: 15042

Ion Ratio Lower Upper

62 100

98 7.3 6.7 10.1





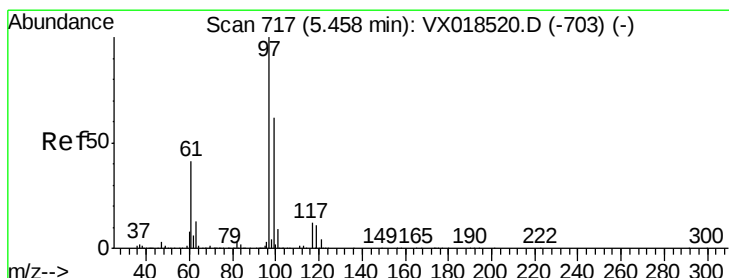
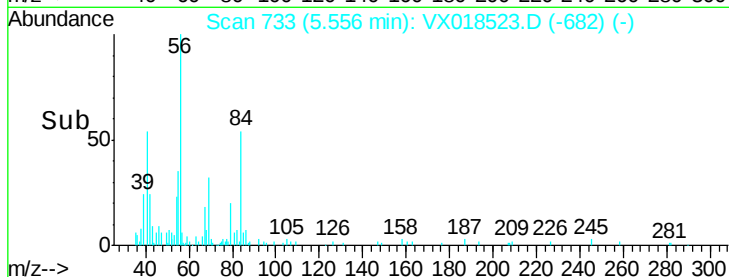
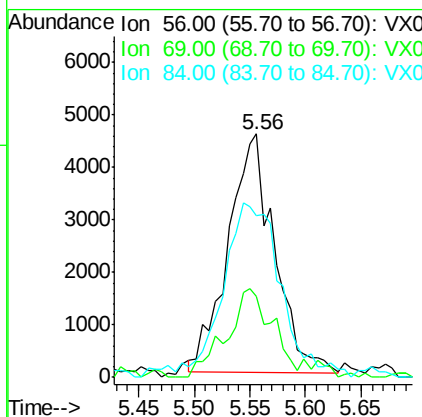
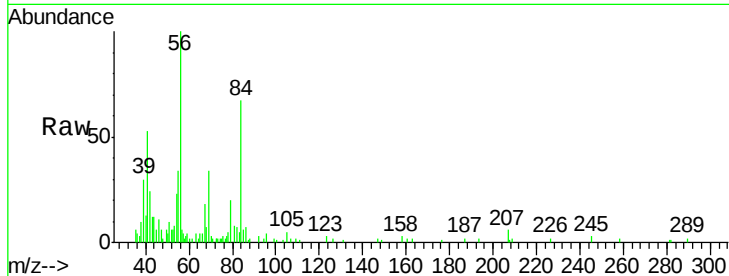
#29
Cyclohexane
Concen: 2.102 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ratio	Lower	Upper
56	100		
69	21.0	25.2	37.8#
84	47.6	69.1	103.7#

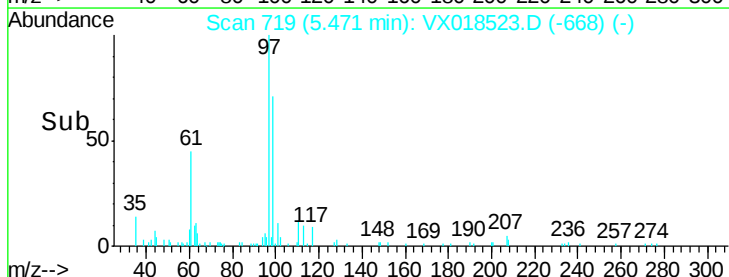
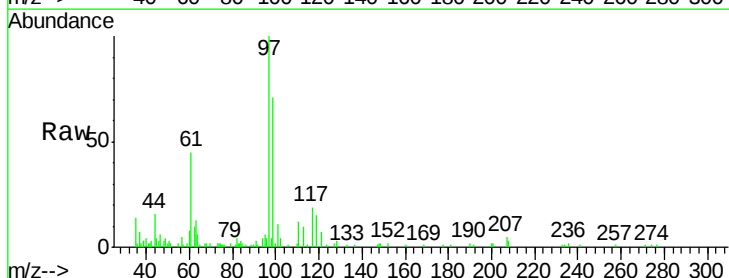
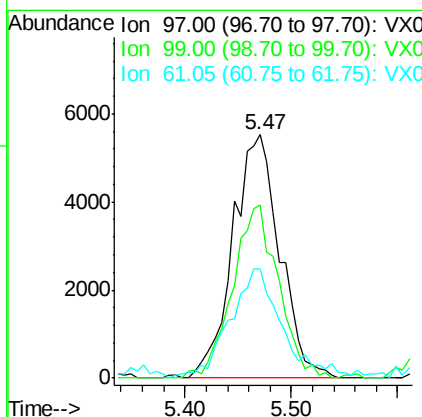
Manual Integrations
APPROVED

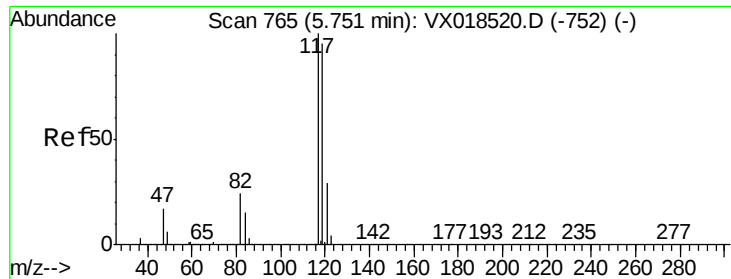
MMDadoda
10/6/2020 1:13:33 PM



#30
1,1,1-Trichloroethane
Concen: 2.224 ug/L
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.3	51.9	77.9
61	40.2	34.4	51.6





#31

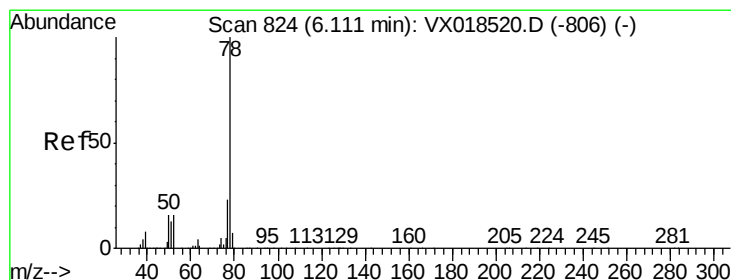
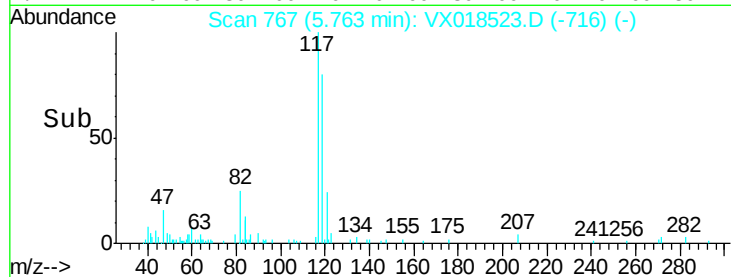
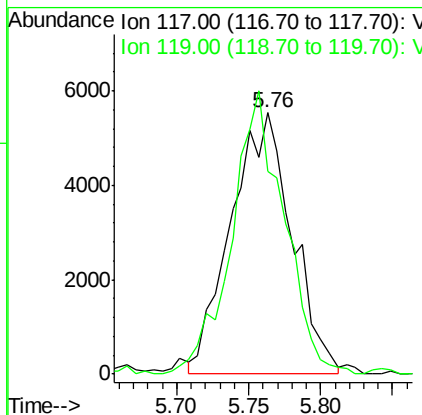
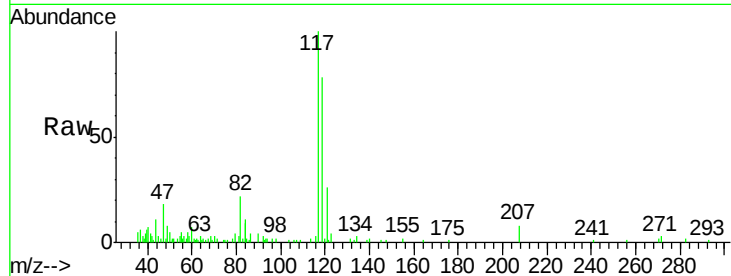
Carbon tetrachloride
Concen: 2.351 ug/L
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.5	116.3

Manual Integrations
APPROVED

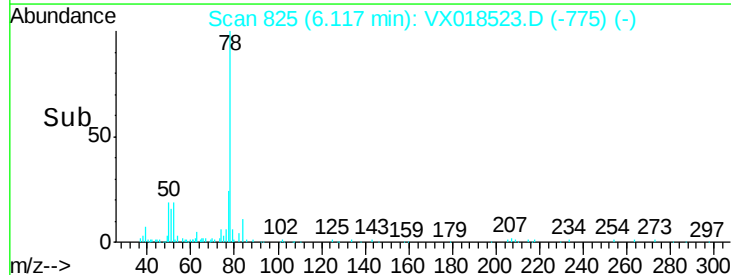
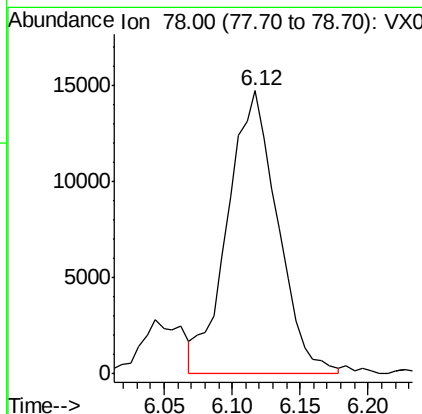
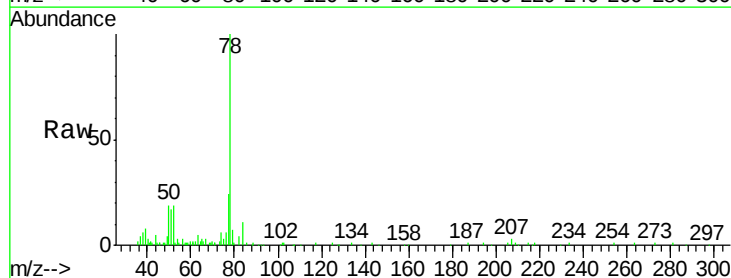
MMDadoda
10/6/2020 1:13:33 PM

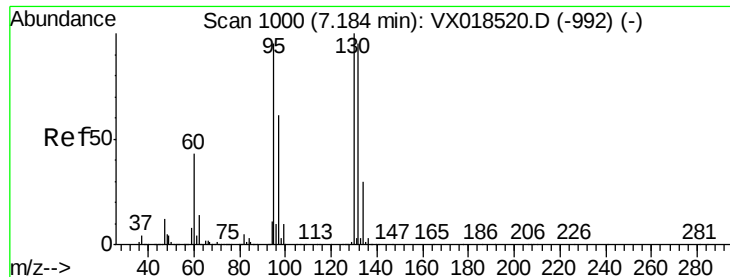


#33

Benzene
Concen: 2.355 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Tgt Ion: 78 Resp: 37795





#34

Trichloroethene

Concen: 2.305 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

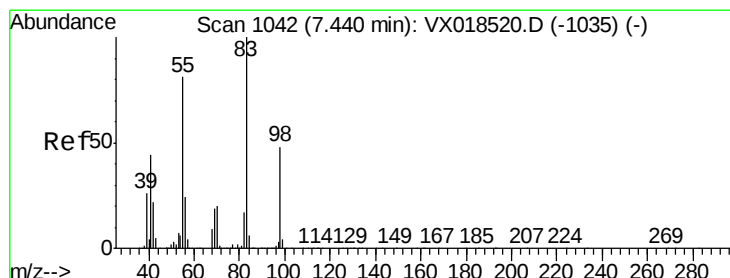
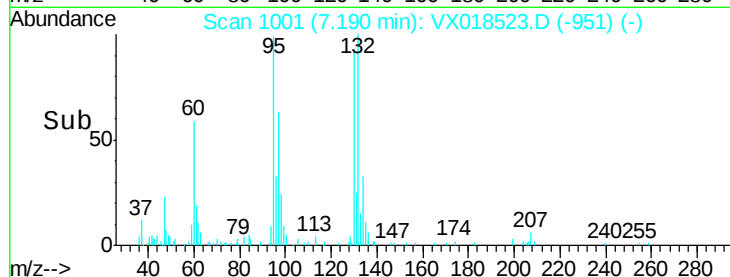
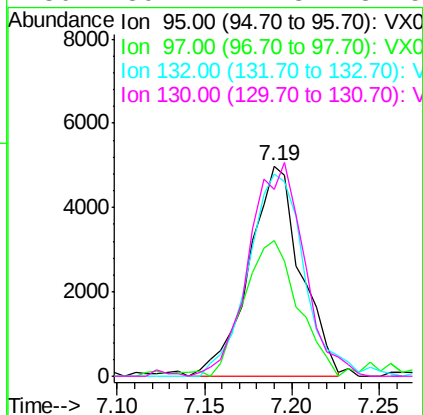
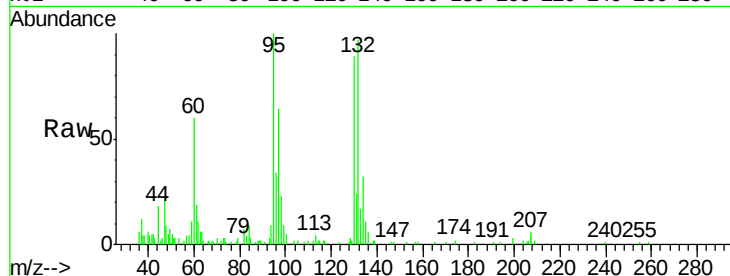
ClientSampleId :

MDL01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		10321		
97	64.4	46.0	85.4		
132	96.5	71.7	133.1		
130	89.2	71.3	132.5		

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#35

Methylcyclohexane

Concen: 2.075 ug/L

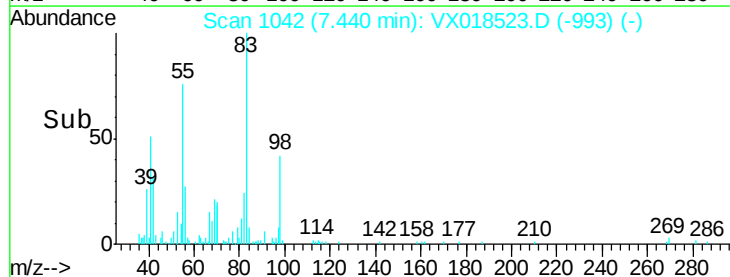
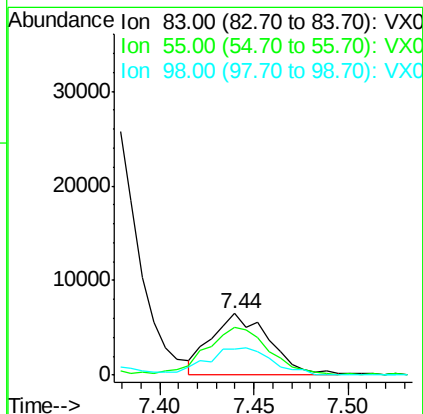
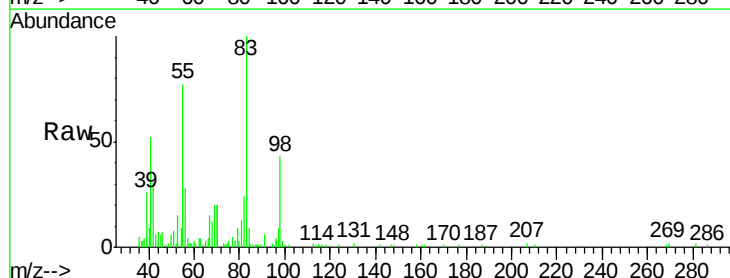
RT: 7.44 min Scan# 1042

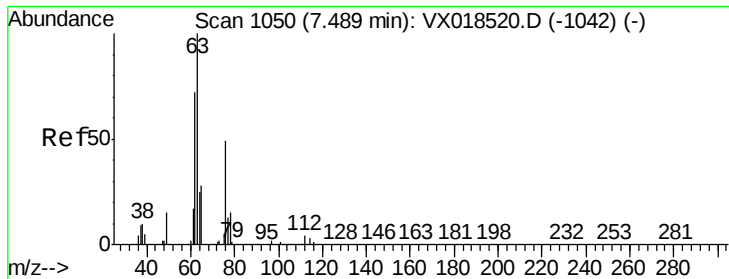
Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		13501		
55	87.3	61.6	92.4		
98	49.8	37.0	55.4		





#37

1,2-Dichloropropane

Concen: 2.460 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

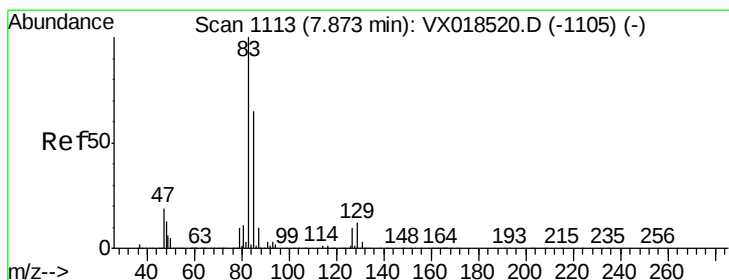
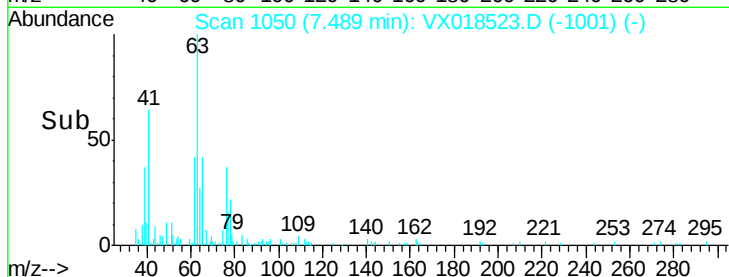
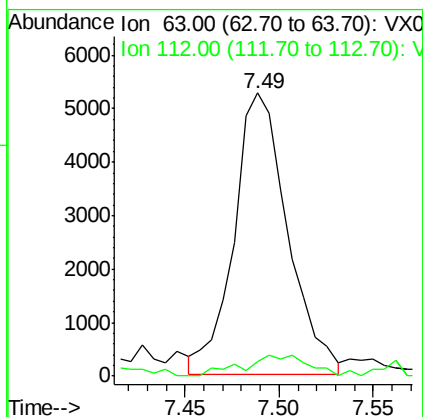
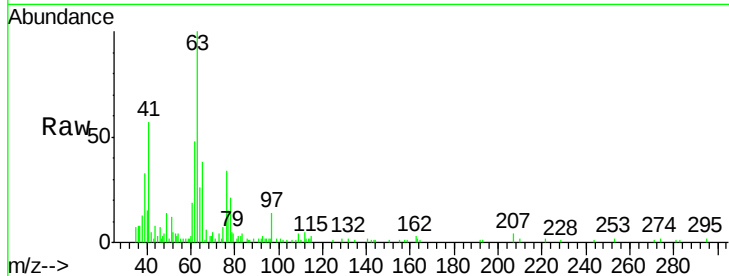
MDL01

Tot Ion: 63 Resp: 10417
Ion Ratio Lower Upper

63 100
112 6.8 3.5 5.3#

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#38

Bromodichloromethane

Concen: 2.384 ug/L

RT: 7.88 min Scan# 1114

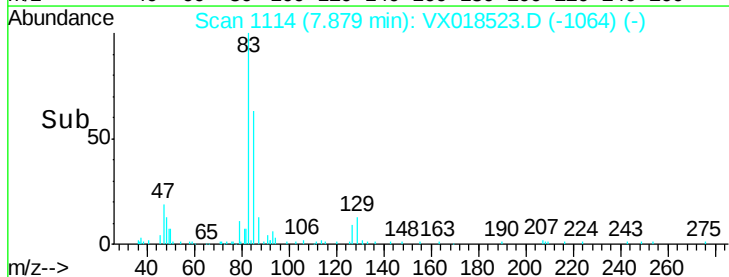
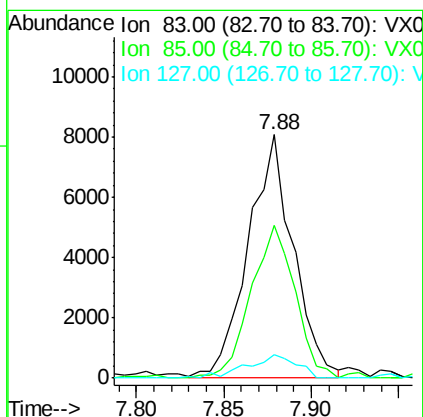
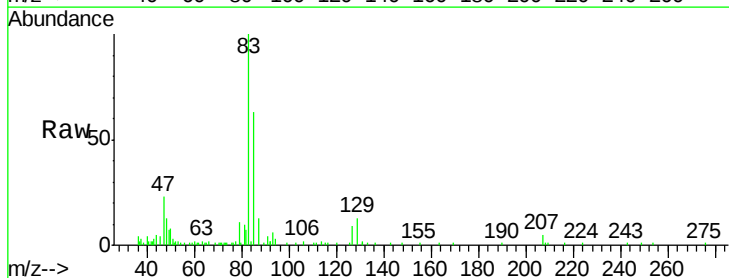
Delta R.T. 0.01 min

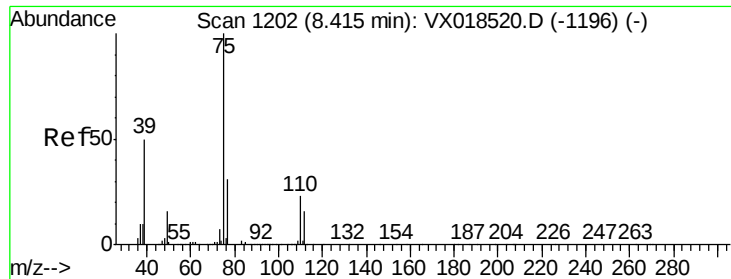
Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion: 83 Resp: 14493
Ion Ratio Lower Upper

83 100
85 62.6 45.0 83.6
127 9.4 6.9 10.3





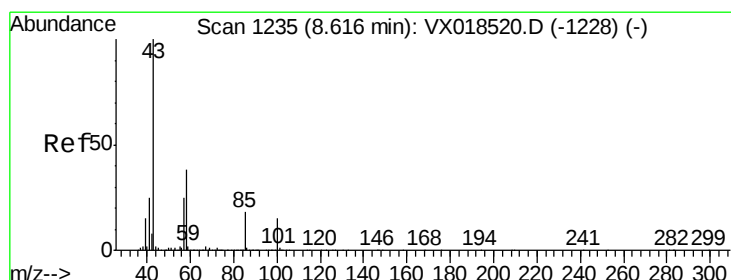
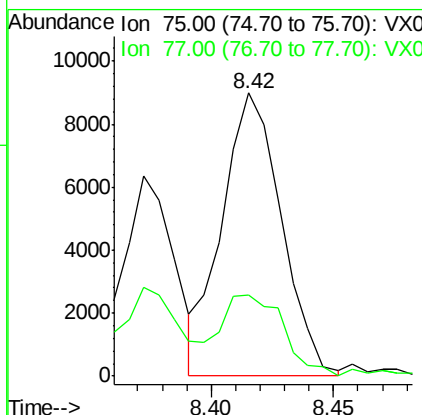
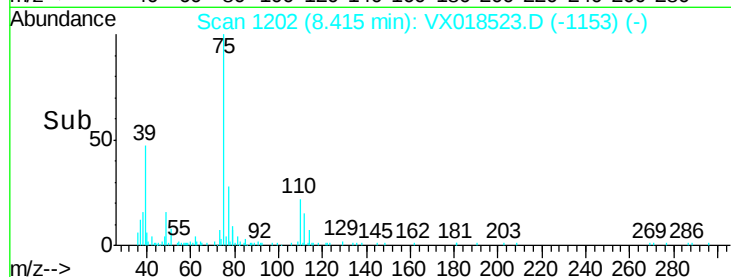
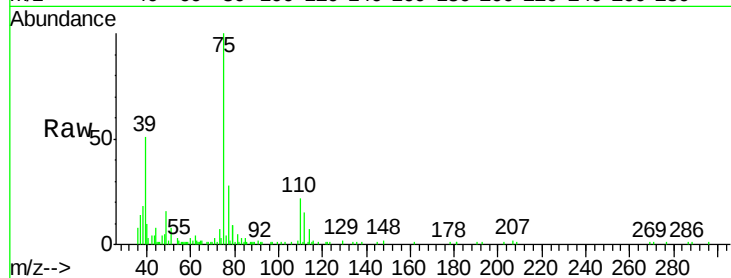
#39
 cis-1,3-Dichloropropene
 Concen: 2.222 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion: 75 Resp: 15189
 Ion Ratio Lower Upper
 75 100
 77 28.5 22.3 41.3

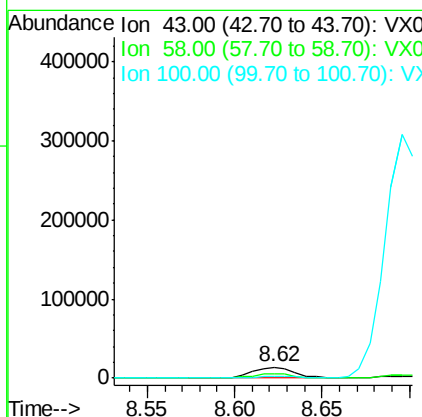
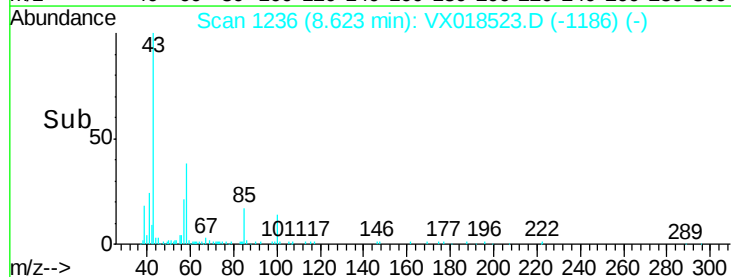
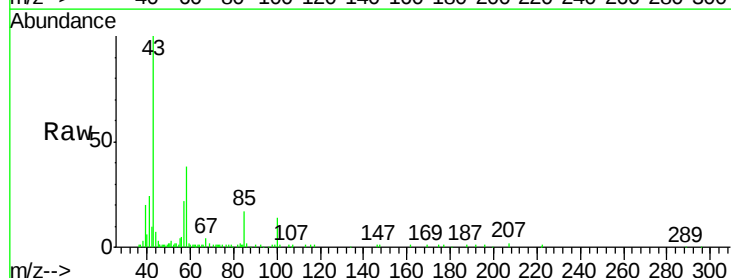
Manual Integrations
 APPROVED

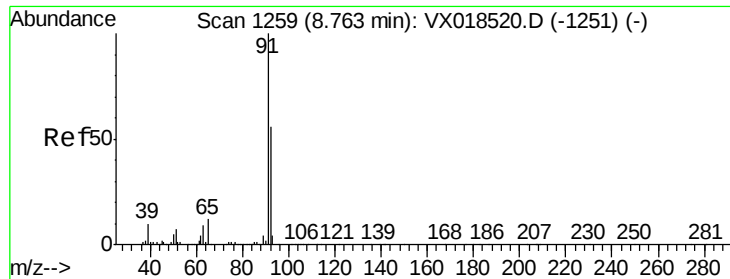
MMDadoda
 10/6/2020 1:13:33 PM



#40
 4-Methyl-2-pentanone
 Concen: 4.010 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Tgt Ion: 43 Resp: 22521
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.6 45.8
 100 16.2 12.2 18.2





#42

Toluene

Concen: 2.257 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion: 91 Resp: 38914

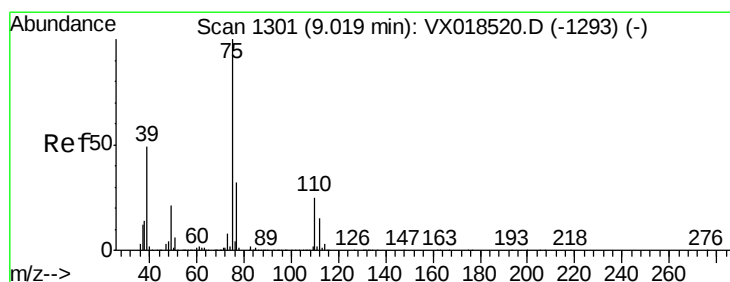
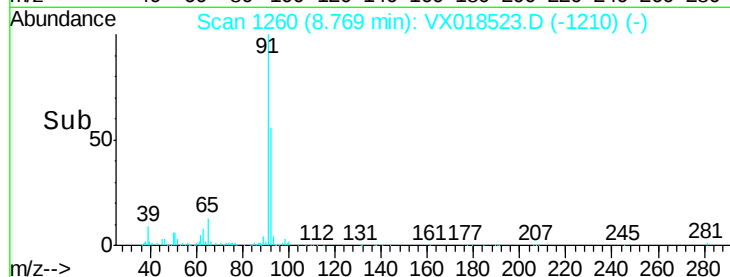
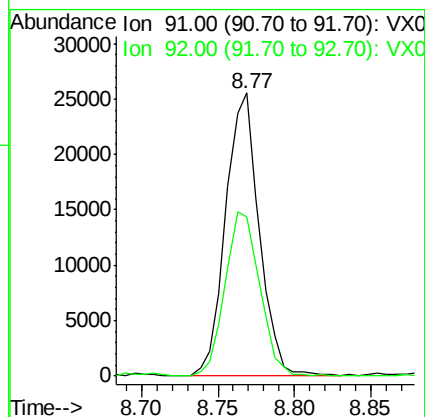
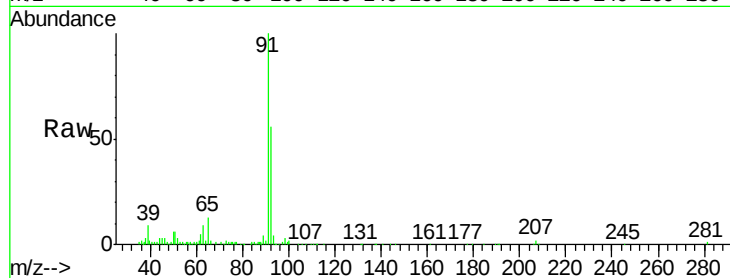
Ion Ratio Lower Upper

91 100

92 56.1 41.9 77.7

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#44

trans-1,3-Dichloropropene

Concen: 2.207 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX018523.D

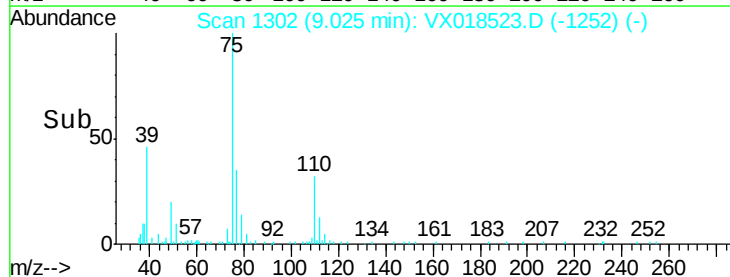
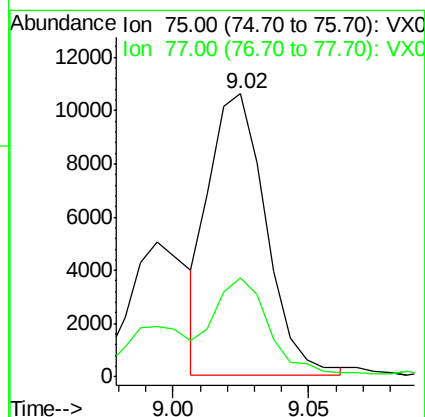
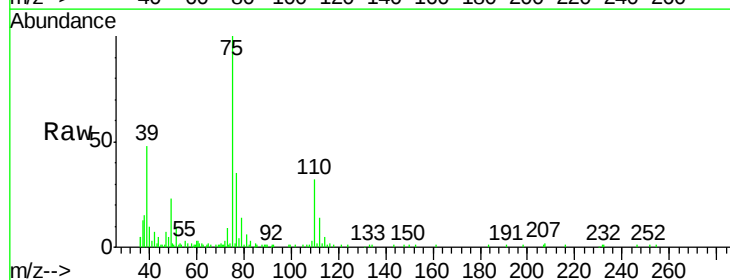
Acq: 22 Sep 2020 14:28

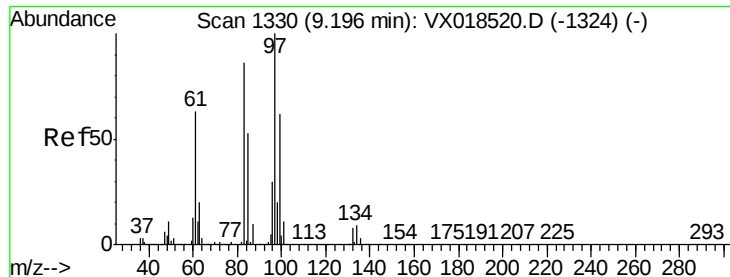
Tgt Ion: 75 Resp: 15352

Ion Ratio Lower Upper

75 100

77 34.9 23.6 43.8





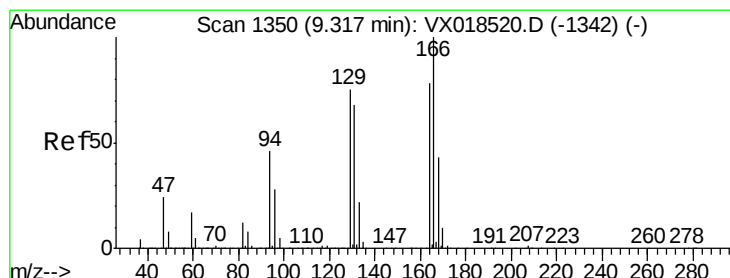
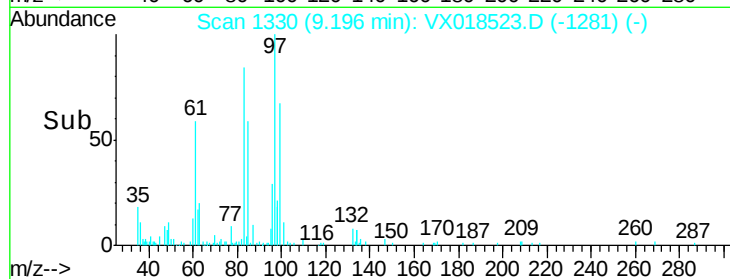
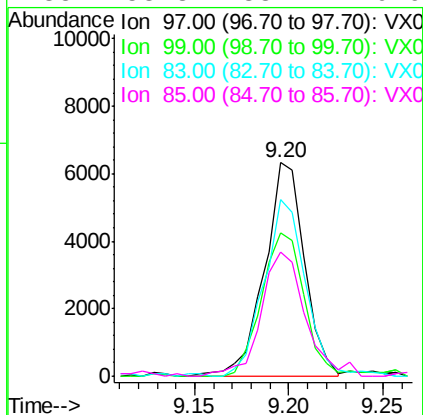
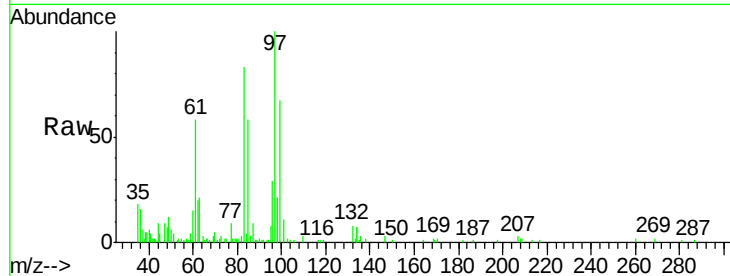
#45
 1,1,2-Trichloroethane
 Concen: 2.269 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Instrument :
 MSVOA_X
 ClientSampleID :
 MDL01

Tot Ion:	97	Resp:	9307
Ion	Ratio	Lower	Upper
97	100		
99	67.2	43.5	80.9
83	82.9	60.8	113.0
85	58.3	38.1	70.9

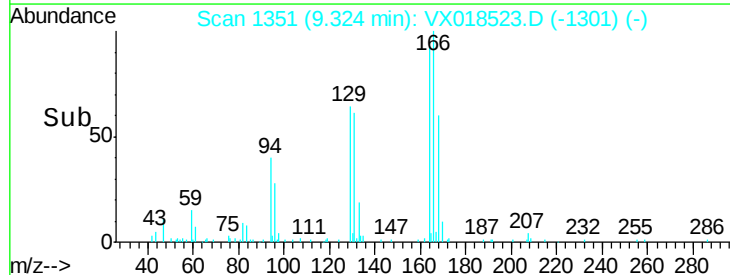
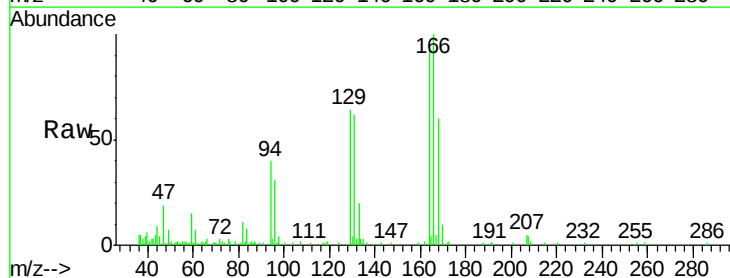
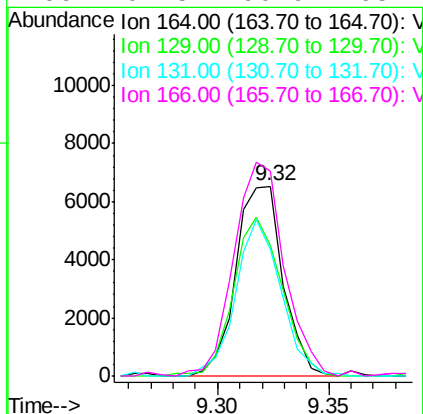
Manual Integrations
 APPROVED

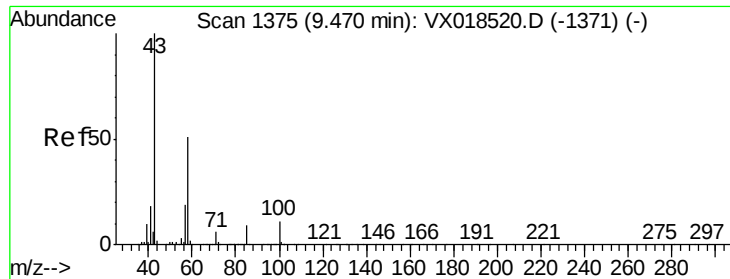
MMDadoda
 10/6/2020 1:13:33 PM



#46
 Tetrachloroethene
 Concen: 2.622 ug/L
 RT: 9.32 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Tgt Ion:	164	Resp:	9661
Ion	Ratio	Lower	Upper
164	100		
129	69.0	69.7	129.5#
131	66.9	63.4	117.8
166	107.5	90.9	168.7





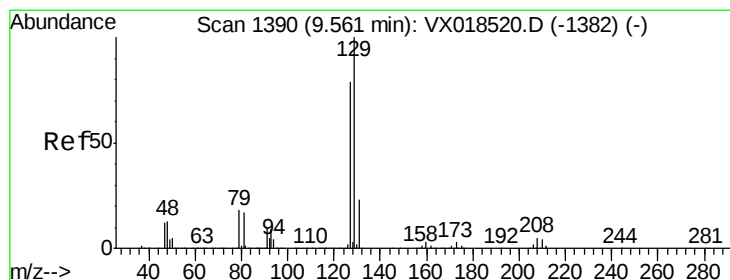
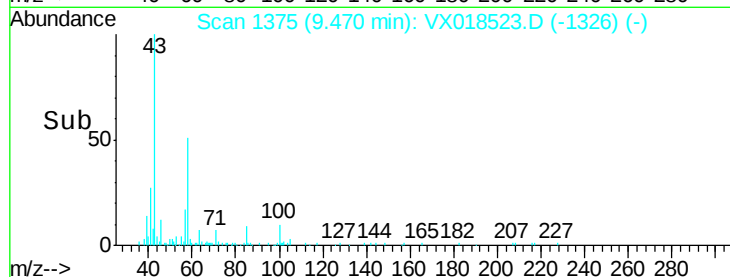
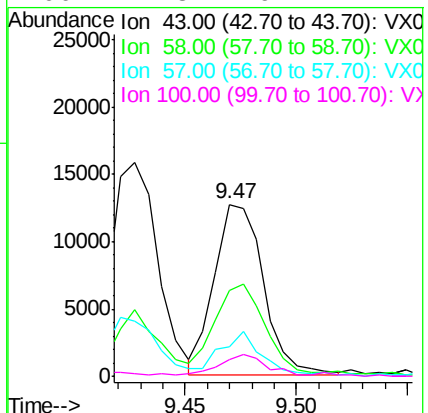
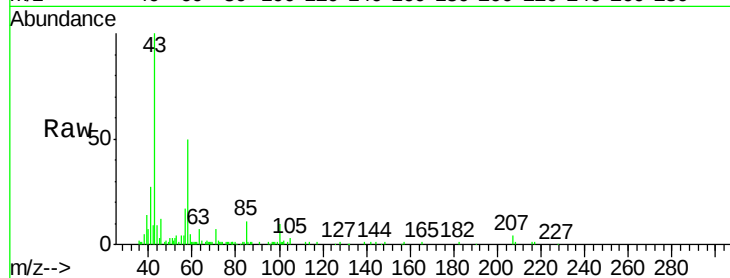
#48
2-Hexanone
Concen: 4.407 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	55.2	43.0	64.6	
57	20.8	15.6	23.4	
100	12.8	9.4	14.2	

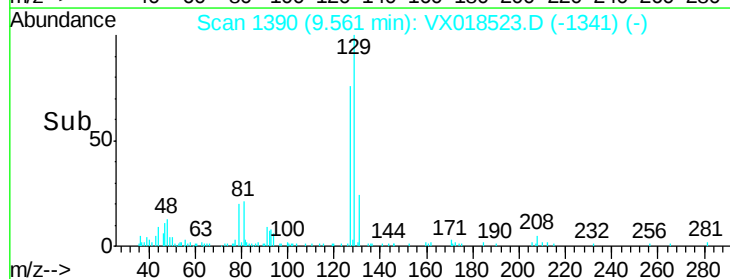
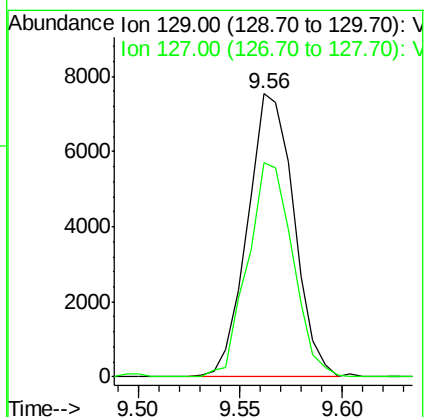
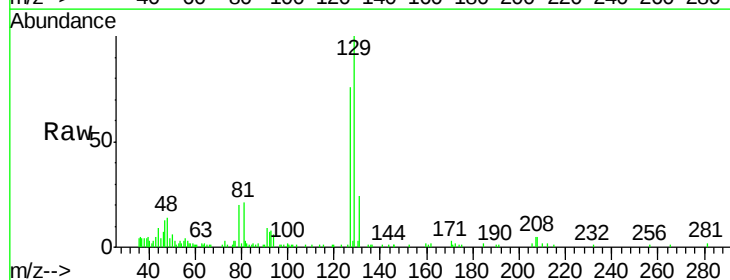
Manual Integrations
APPROVED

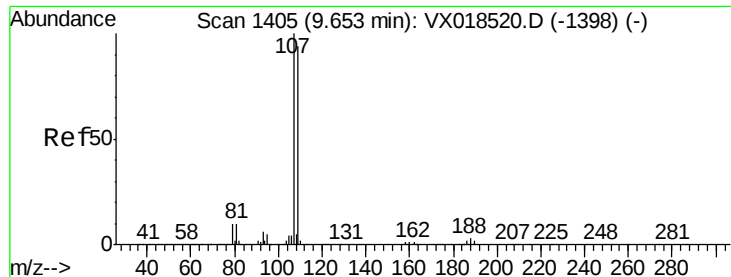
MMDadoda
10/6/2020 1:13:33 PM



#49
Dibromochloromethane
Concen: 2.305 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	75.9	52.6	97.6	





#50

1,2-Dibromoethane

Concen: 2.345 ug/L

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

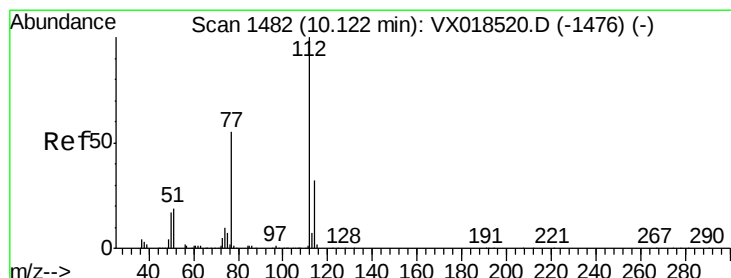
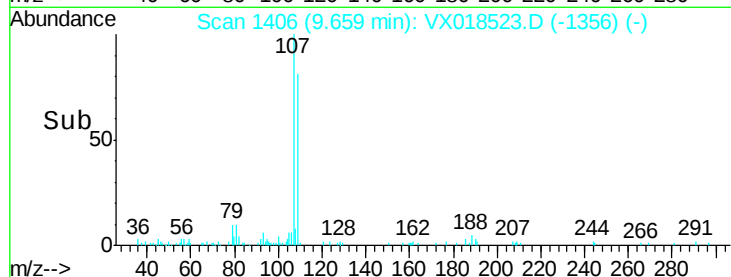
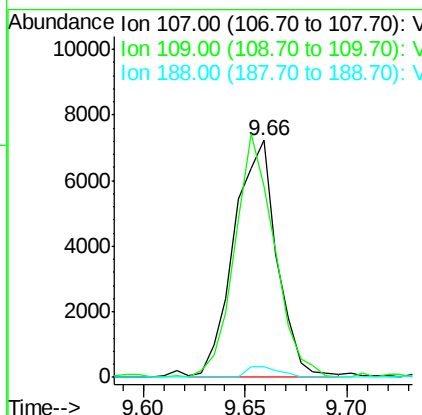
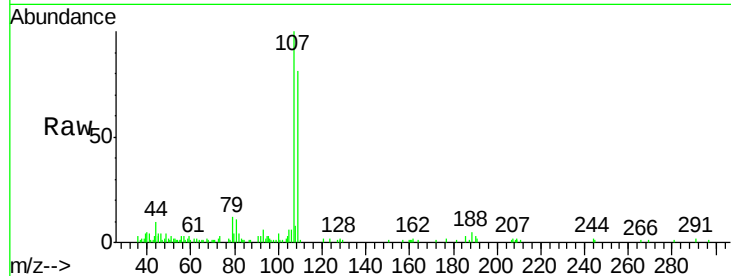
ClientSampled :

MDL01

Tot Ion:	107	Resp:	10578
Ion Ratio	Lower	Upper	
107	100		
109	80.6	65.7	121.9
188	4.7	3.0	4.4#

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#51

Chlorobenzene

Concen: 2.232 ug/L

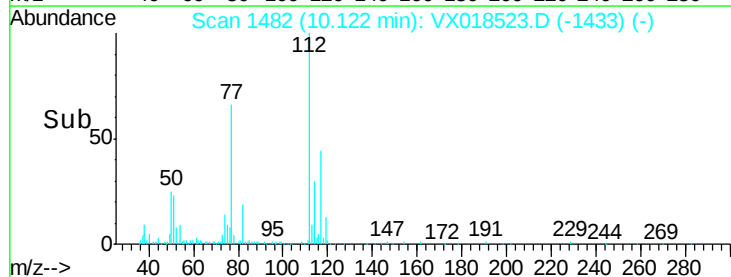
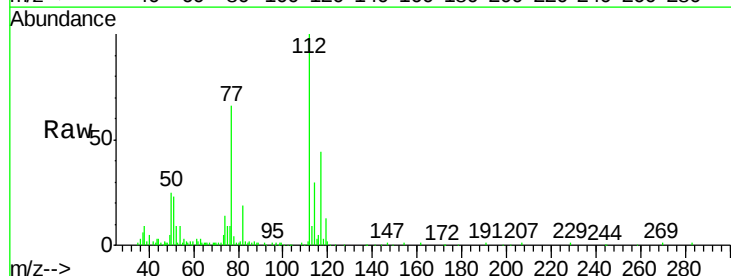
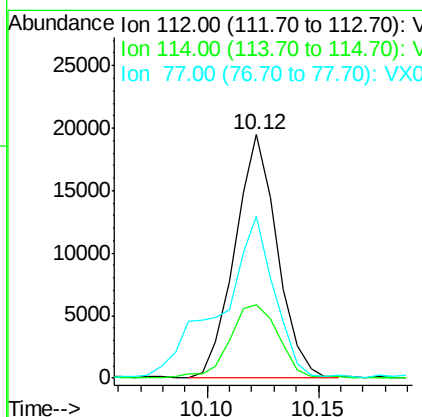
RT: 10.12 min Scan# 1482

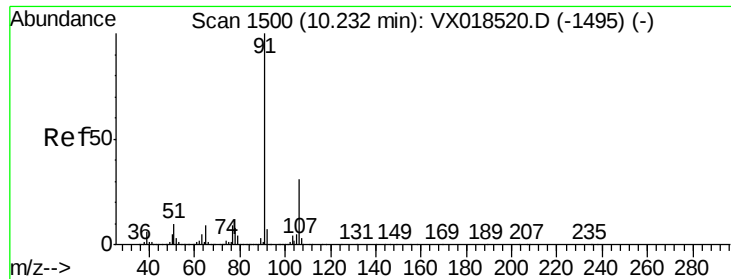
Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion:	112	Resp:	25848
Ion Ratio	Lower	Upper	
112	100		
114	30.3	22.2	41.2
77	66.2	46.1	69.1





#52

Ethylbenzene

Concen: 2.236 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 91 Resp: 42929

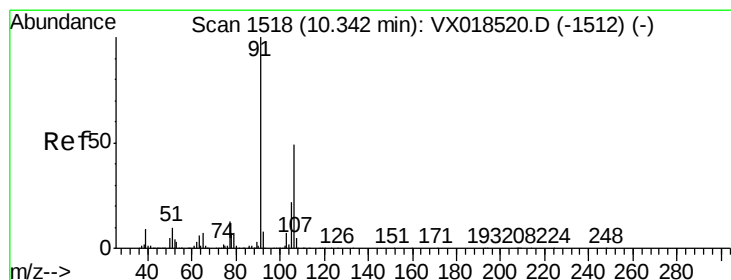
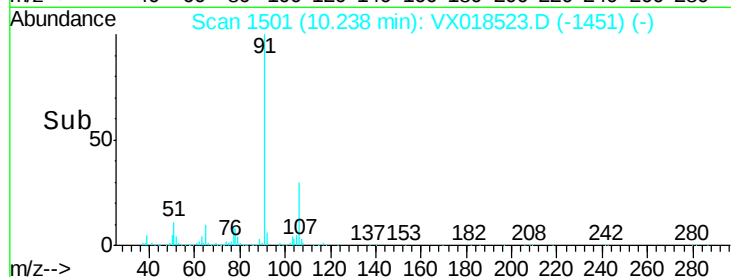
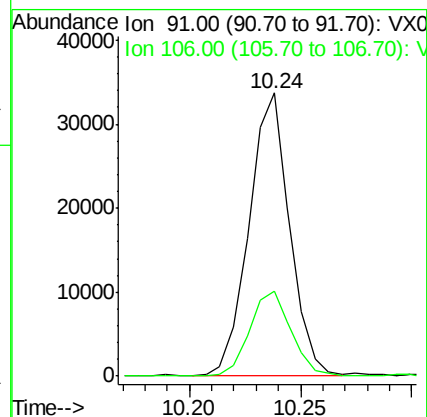
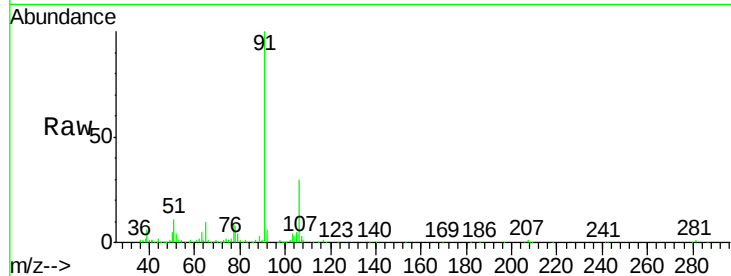
Ion Ratio Lower Upper

91 100

106 29.8 22.0 41.0

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#53

m,p-Xylene

Concen: 2.077 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018523.D

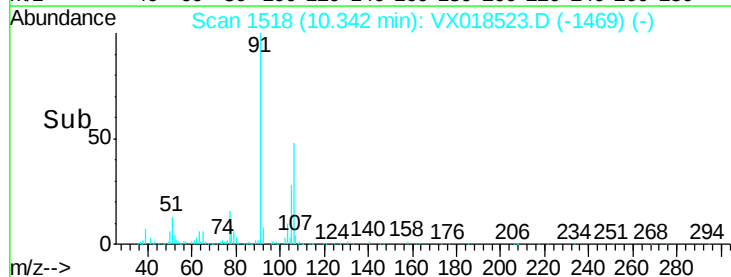
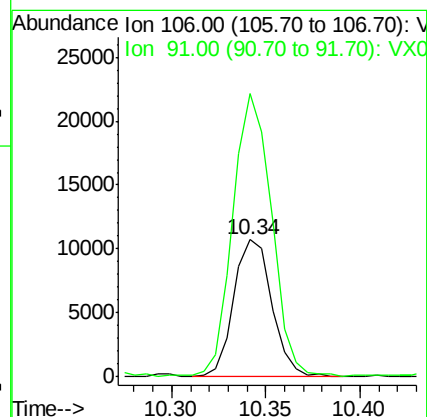
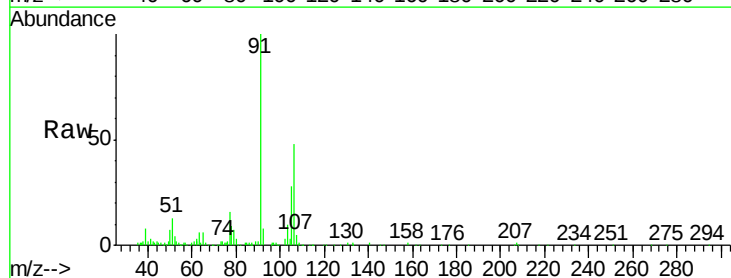
Acq: 22 Sep 2020 14:28

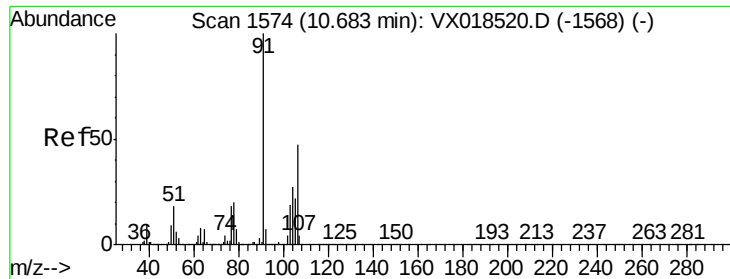
Tgt Ion: 106 Resp: 15191

Ion Ratio Lower Upper

106 100

91 206.3 142.2 264.0





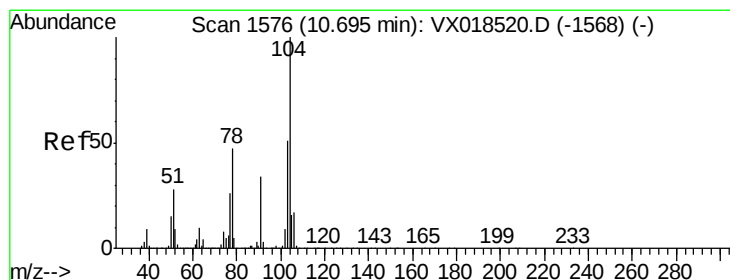
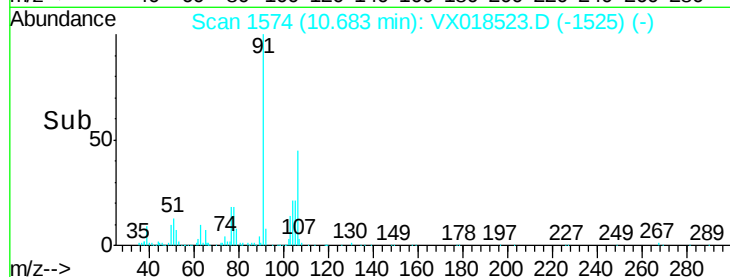
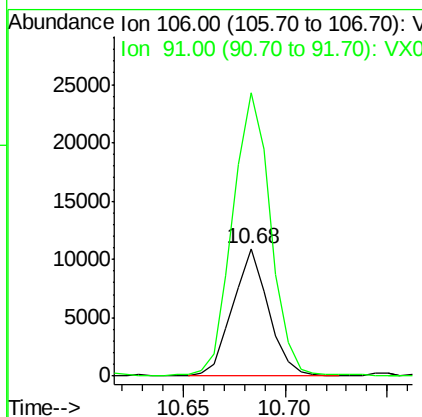
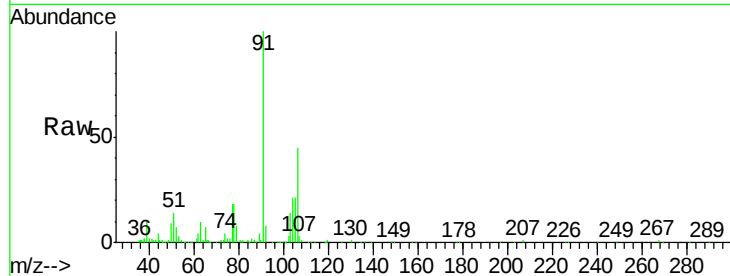
#54
o-Xylene
Concen: 1.897 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion:106 Resp: 13366
Ion Ratio Lower Upper
106 100
91 222.5 152.2 282.6

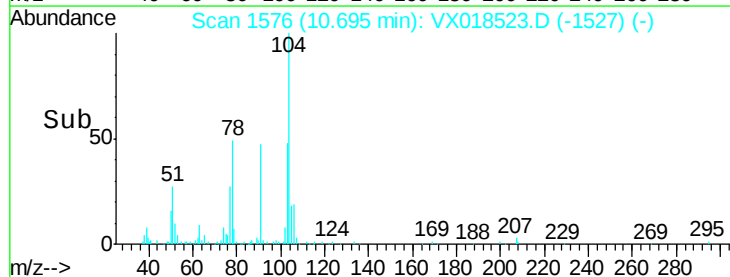
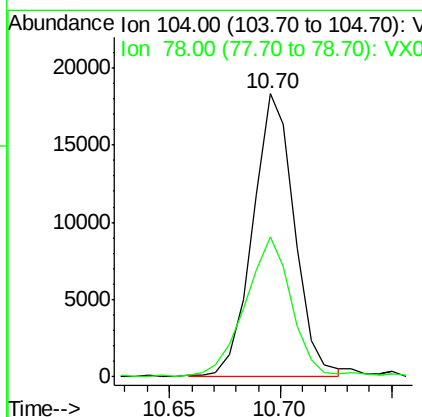
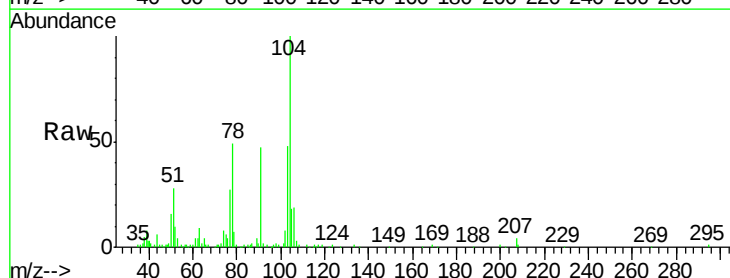
Manual Integrations
APPROVED

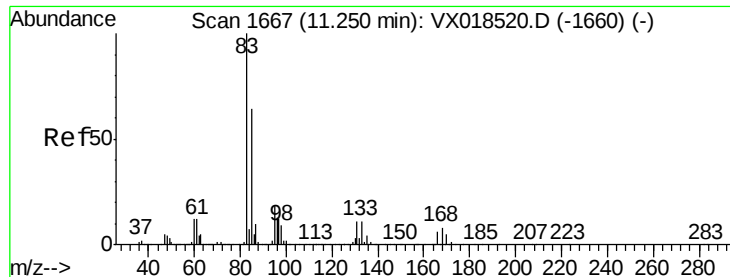
MMDadoda
10/6/2020 1:13:33 PM



#55
Styrene
Concen: 1.968 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Tgt Ion:104 Resp: 23871
Ion Ratio Lower Upper
104 100
78 49.4 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 2.425 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

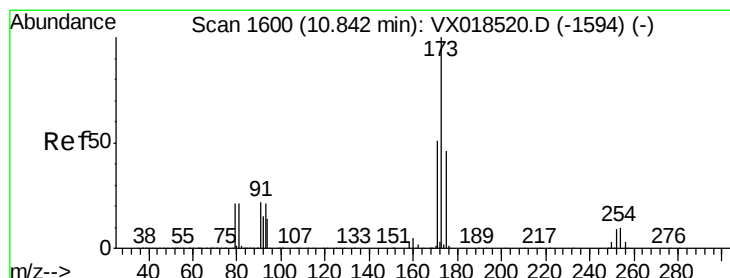
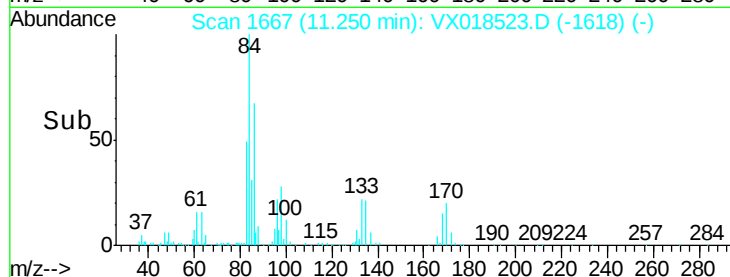
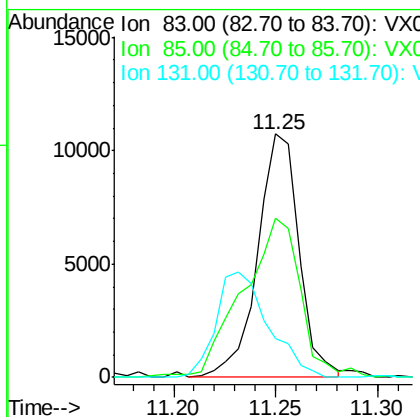
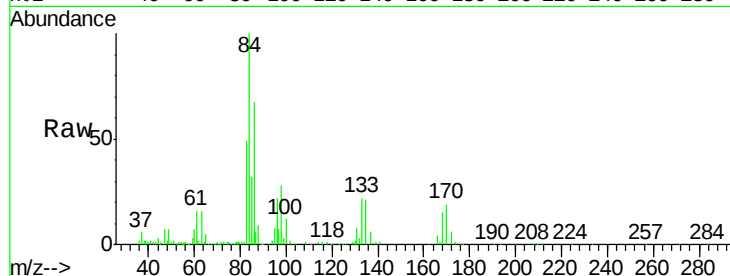
ClientSampled :

MDL01

Tot Ion:	83	Resp:	15224
Ion Ratio	Lower	Upper	
83	100		
85	65.6	45.6	84.8
131	15.7	8.0	12.0#

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#59

Bromoform

Concen: 2.322 ug/L

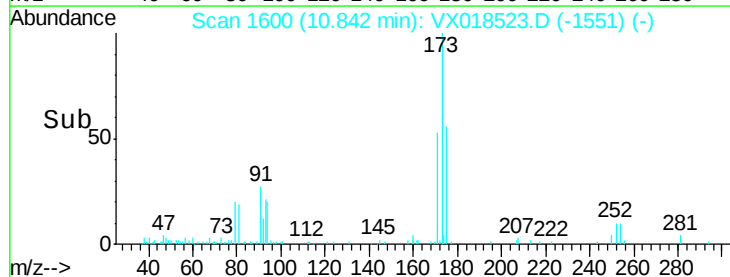
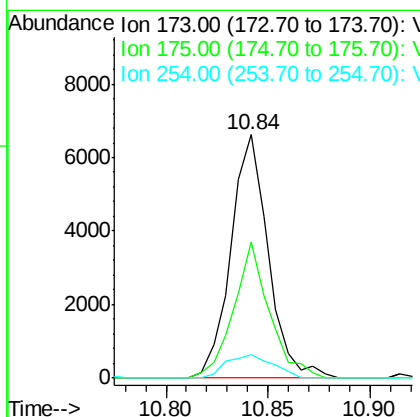
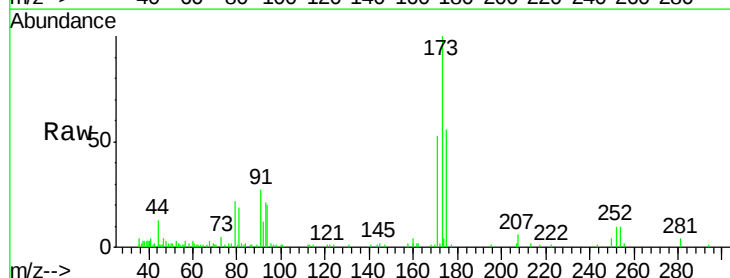
RT: 10.84 min Scan# 1600

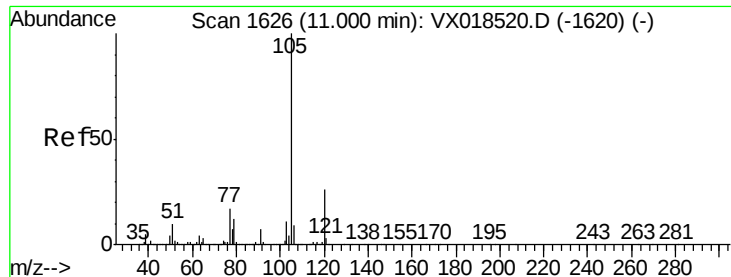
Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion:	173	Resp:	8396
Ion Ratio	Lower	Upper	
173	100		
175	53.6	37.7	56.5
254	11.9	7.2	10.8#





#60

Isopropylbenzene

Concen: 2.109 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

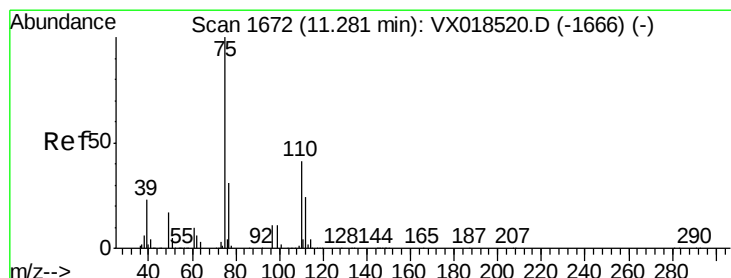
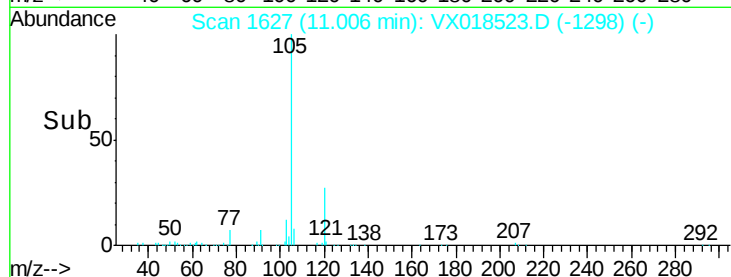
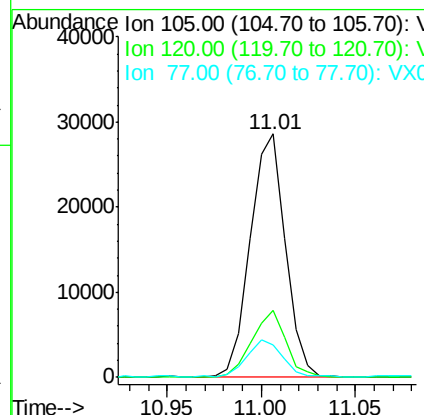
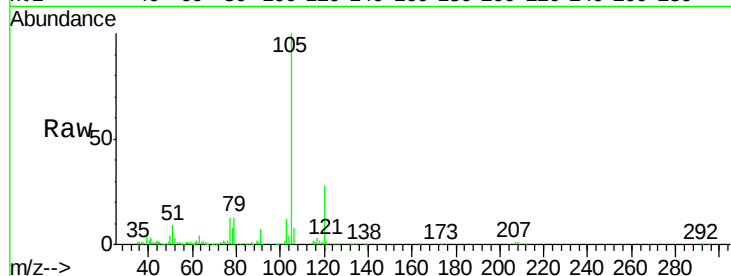
ClientSampleId :

MDL01

Tot Ion:	105	Resp:	37001
Ion Ratio	Lower	Upper	
105	100		
120	26.8	21.8	32.8
77	16.3	12.7	19.1

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#61

1,2,3-Trichloropropane

Concen: 2.310 ug/L

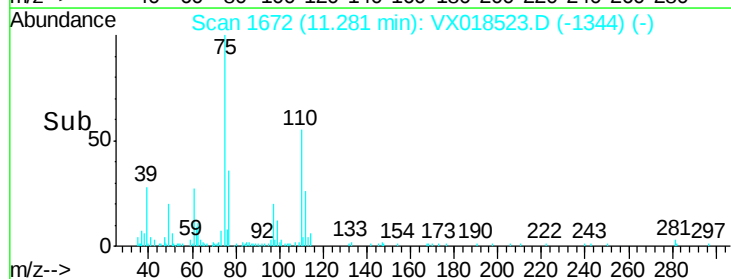
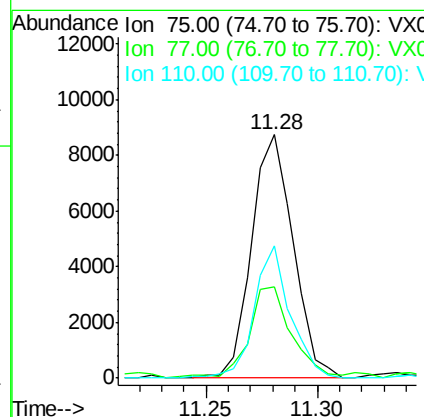
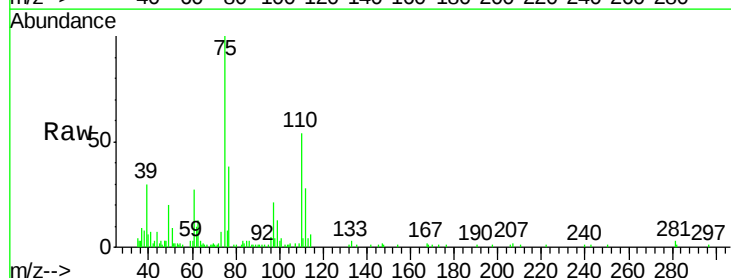
RT: 11.28 min Scan# 1672

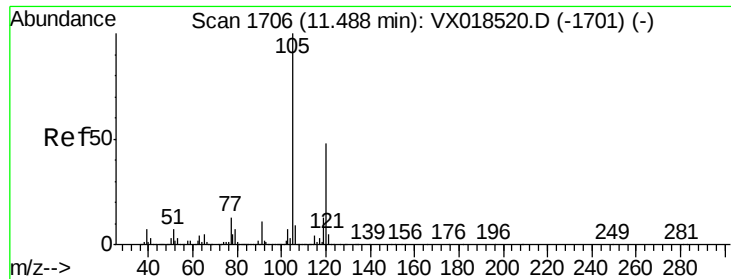
Delta R.T. 0.00 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Tgt Ion:	75	Resp:	11425
Ion Ratio	Lower	Upper	
75	100		
77	37.8	26.0	39.0
110	46.7	32.4	48.6





#62

1,3,5-Trimethylbenzene

Concen: 1.898 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018523.D

Acq: 22 Sep 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion:105 Resp: 27488

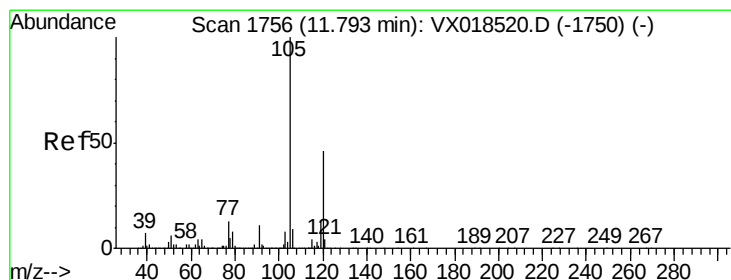
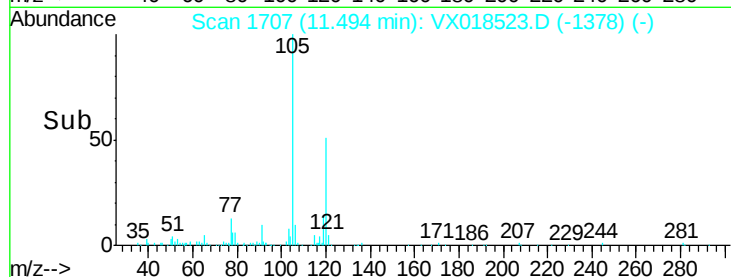
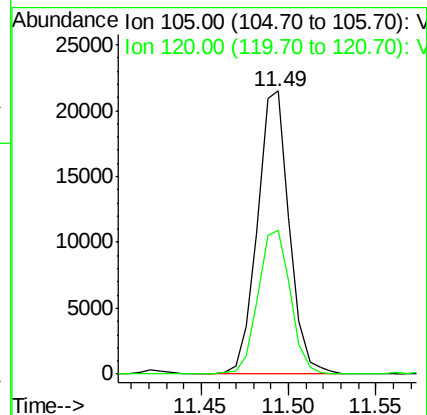
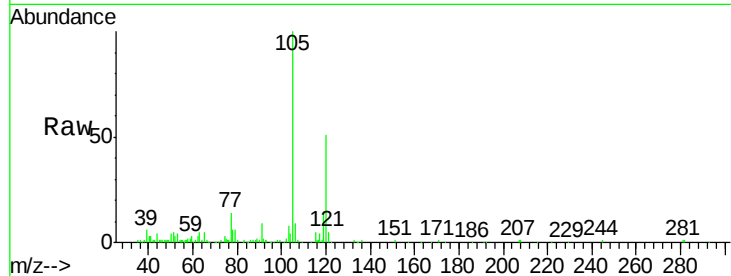
Ion Ratio Lower Upper

105 100

120 51.5 38.6 58.0

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#63

1,2,4-Trimethylbenzene

Concen: 1.870 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018523.D

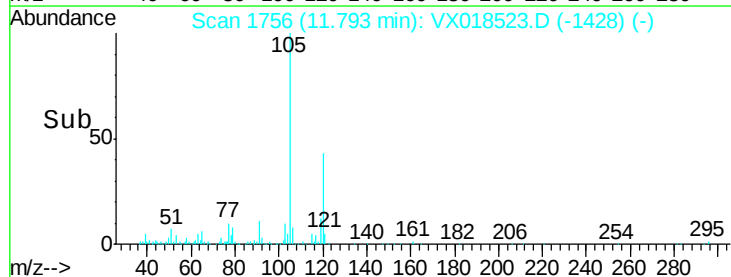
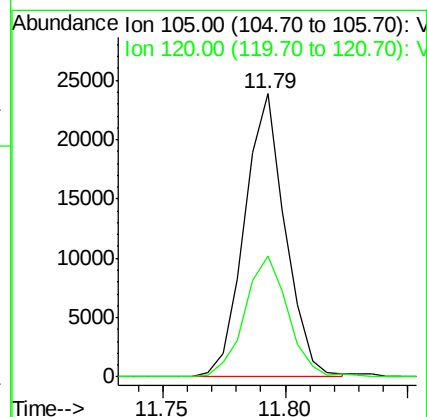
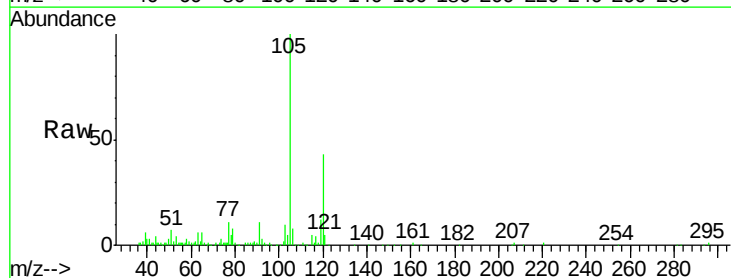
Acq: 22 Sep 2020 14:28

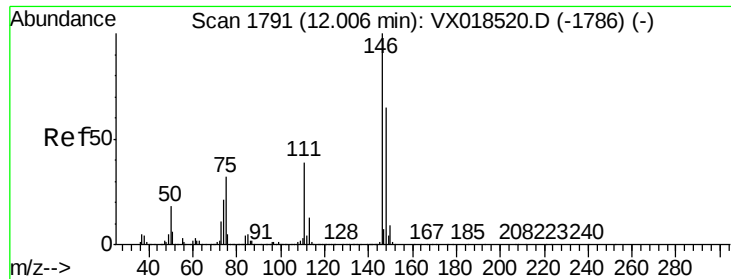
Tgt Ion:105 Resp: 27584

Ion Ratio Lower Upper

105 100

120 44.9 35.8 53.8





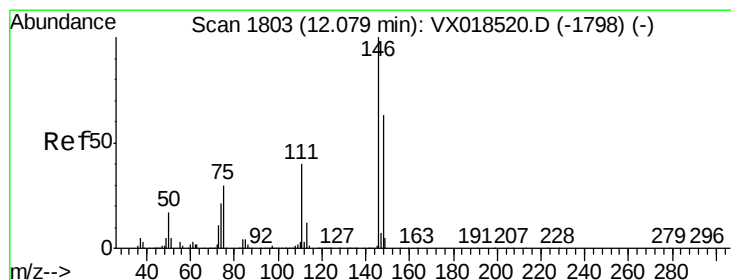
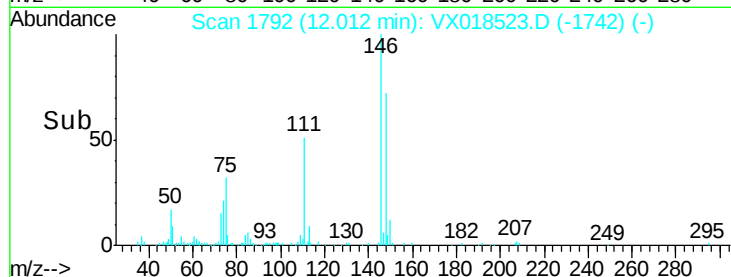
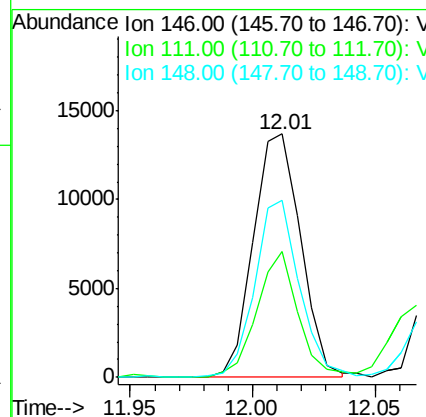
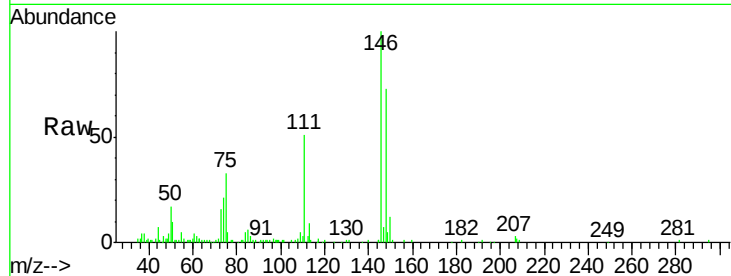
#64
 1,3-Dichlorobenzene
 Concen: 2.138 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	51.5	27.8	51.6
148	72.6	42.6	79.2

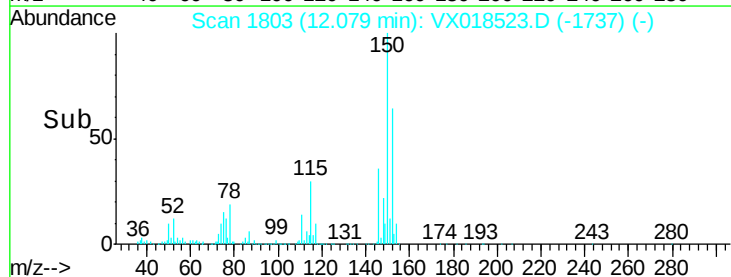
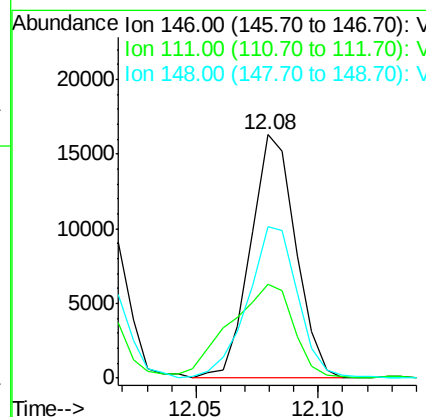
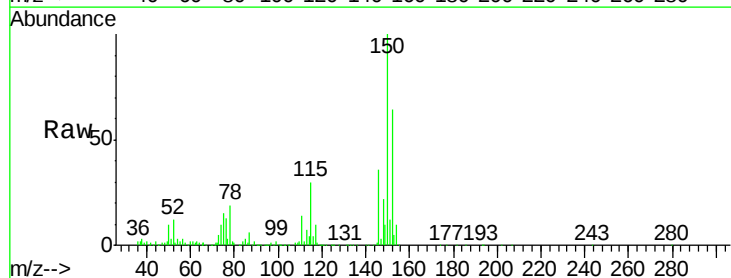
Manual Integrations
 APPROVED

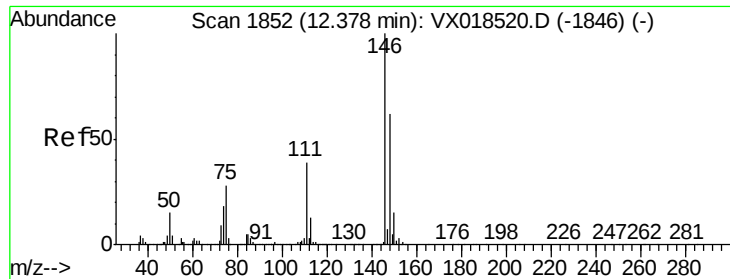
MMDadoda
 10/6/2020 1:13:33 PM



#65
 1,4-Dichlorobenzene
 Concen: 2.409 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	27.9	51.7
148	62.1	40.5	75.3





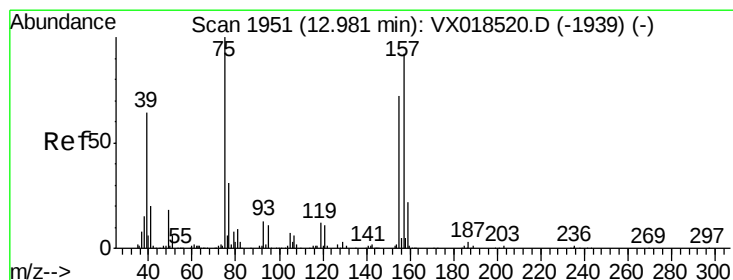
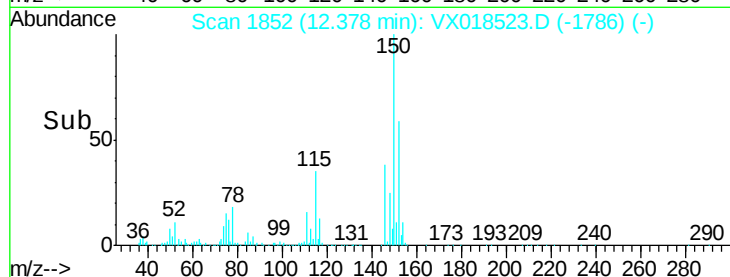
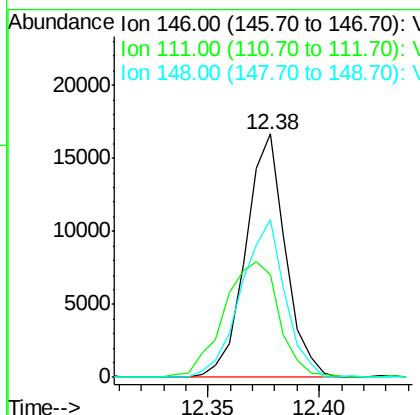
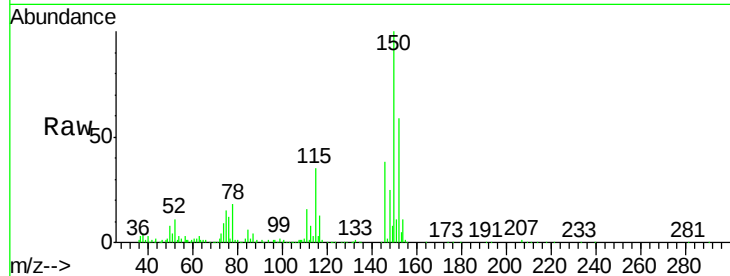
#67
 1,2-Dichlorobenzene
 Concen: 2.484 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	33.1	49.7
148	64.9	48.4	72.6

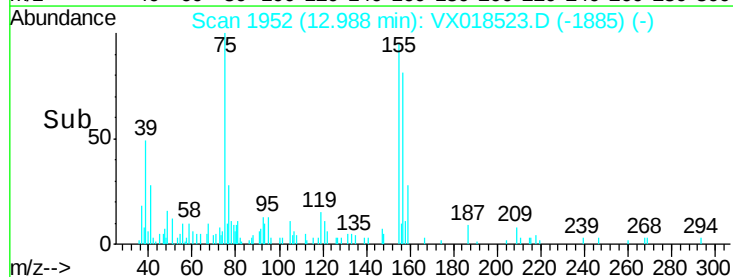
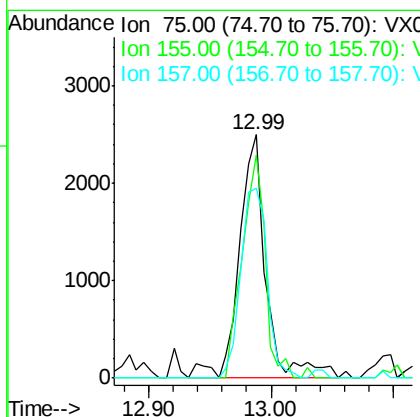
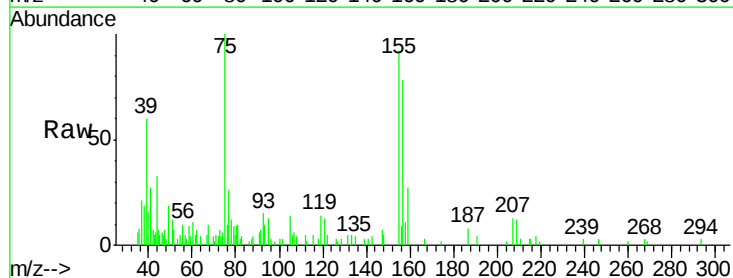
Manual Integrations
 APPROVED

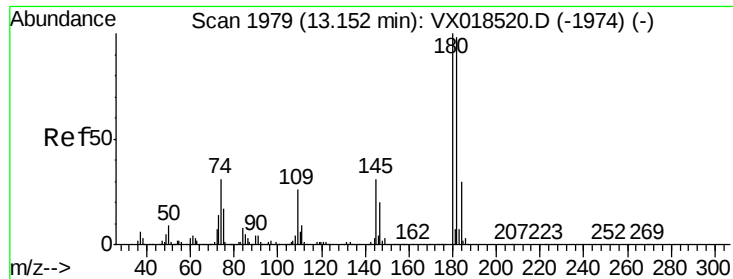
MMDadoda
 10/6/2020 1:13:33 PM



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.583 ug/L
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	59.4	89.0#
157	78.2	80.7	121.1#





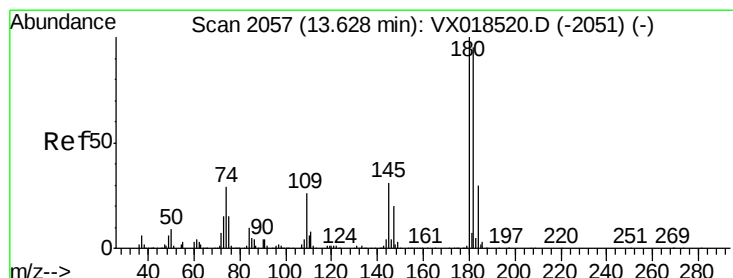
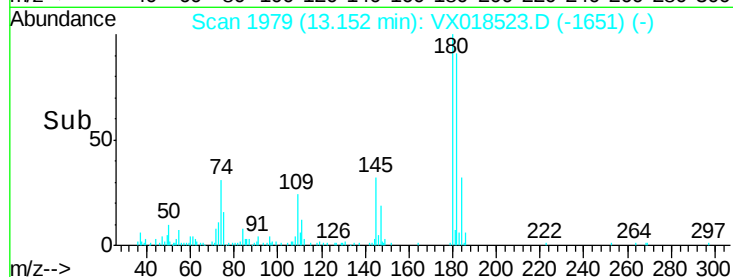
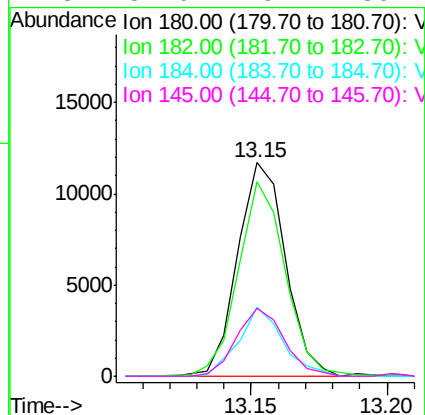
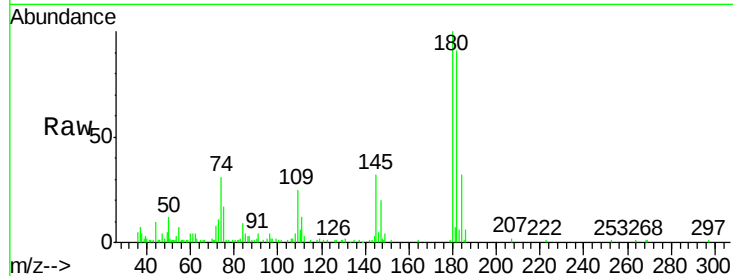
#69
 1,3,5-Trichlorobenzene
 Concen: 2.482 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	14267		
182	89.9		82.5	123.7
184	30.0		25.4	38.2
145	31.9		26.2	39.2

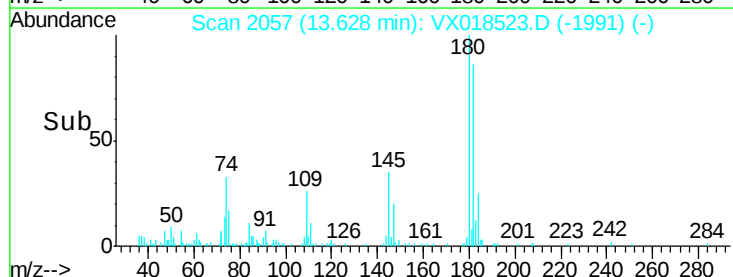
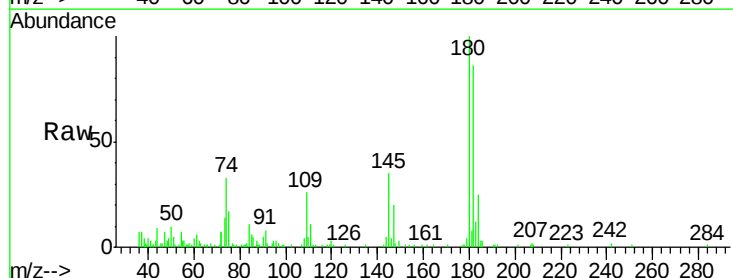
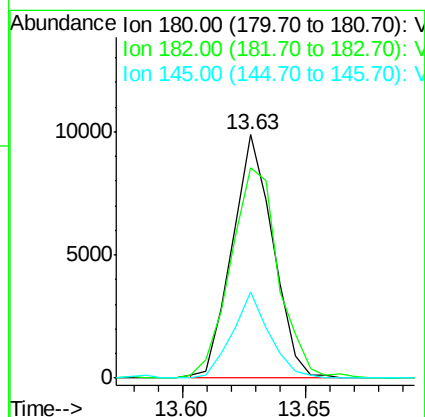
Manual Integrations
 APPROVED

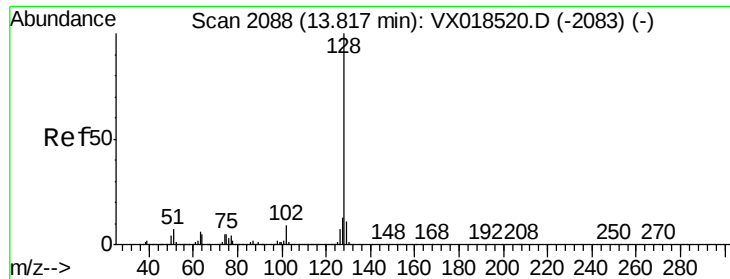
MMDadoda
 10/6/2020 1:13:33 PM



#70
 1,2,4-trichlorobenzene
 Concen: 2.175 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018523.D
 Acq: 22 Sep 2020 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	11472		
182	101.0		78.6	118.0
145	32.0		27.0	40.4





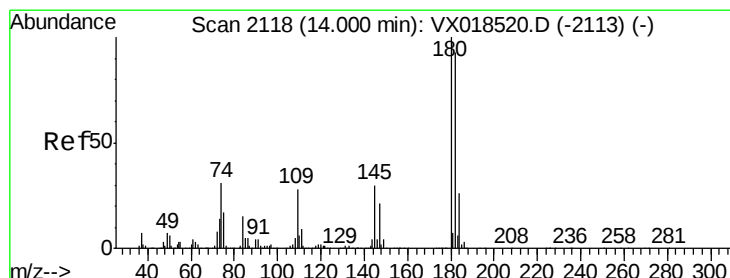
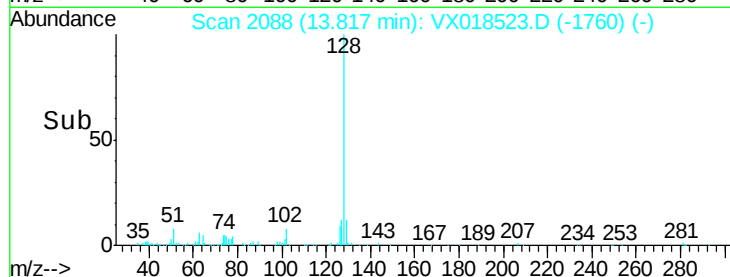
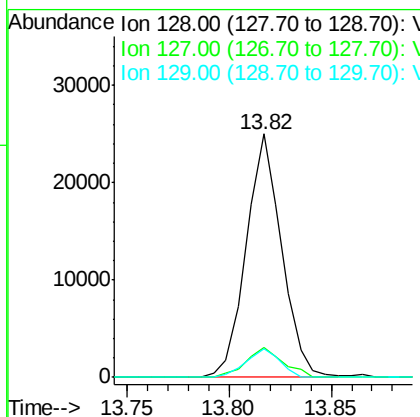
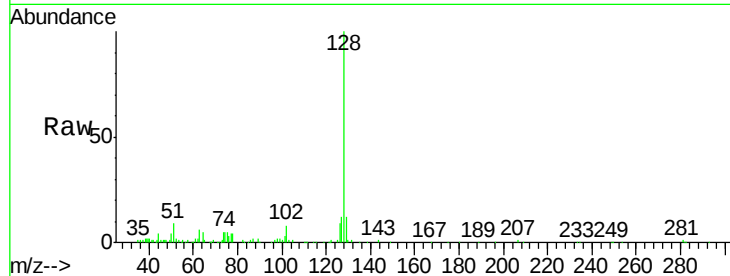
#71
Naphthalene
Concen: 1.838 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:13:33 PM



#72
1,2,3-Trichlorobenzene
Concen: 2.123 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018523.D
Acq: 22 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.1	76.6	114.8
145	33.0	27.1	40.7

