

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019127.D
 Acq On : 26 Oct 2020 18:54
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:33 PM

Quant Time: Oct 27 05:39:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 19:43:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	164921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	272460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	245438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	136884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192928	98.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.54%	
35) Dibromofluoromethane	5.46	113	172854	102.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.38%	
50) Toluene-d8	8.70	98	666037	101.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.84%	
62) 4-Bromofluorobenzene	11.12	95	238546	103.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136949	104.833	ug/l	99
3) Chloromethane	1.31	50	139604	100.119	ug/l	99
4) Vinyl Chloride	1.39	62	182693	103.428	ug/l	100
5) Bromomethane	1.62	94	88829	79.391	ug/l	98
6) Chloroethane	1.70	64	123611	102.925	ug/l	99
7) Trichlorofluoromethane	1.91	101	316006	104.019	ug/l	99
8) Diethyl Ether	2.17	74	123395	103.009	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	157977	103.877	ug/l	100
10) Methyl Iodide	2.49	142	200915	102.134	ug/l	99
11) Tert butyl alcohol	3.04	59	201905	503.624	ug/l	100
12) 1,1-Dichloroethene	2.36	96	161876	105.075	ug/l	99
13) Acrolein	2.27	56	89542	506.764	ug/l	100
14) Allyl chloride	2.70	41	207327	104.700	ug/l	99
15) Acrylonitrile	3.11	53	424091	530.334	ug/l	100
16) Acetone	2.42	43	321156	505.865	ug/l	99
17) Carbon Disulfide	2.55	76	447603	105.066	ug/l	100
18) Methyl Acetate	2.75	43	155402	99.527	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	559753	106.001	ug/l	99
20) Methylene Chloride	2.83	84	182967	98.674	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	190225	104.642	ug/l	97
22) Diisopropyl ether	3.82	45	448308	105.958	ug/l	99
23) Vinyl Acetate	3.78	43	2010095	541.622	ug/l	99
24) 1,1-Dichloroethane	3.67	63	298163	106.450	ug/l	99
25) 2-Butanone	4.64	43	529685	522.462	ug/l	100
26) 2,2-Dichloropropane	4.55	77	278088	105.509	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	215750	105.768	ug/l	98
28) Bromochloromethane	4.98	49	128099	105.782	ug/l	99
29) Tetrahydrofuran	5.09	42	343949	533.653	ug/l	100
30) Chloroform	5.17	83	333331	106.740	ug/l	98
31) Cyclohexane	5.55	56	253976	104.003	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	303783	109.141	ug/l	99
36) 1,1-Dichloropropene	5.77	75	249326	104.579	ug/l	100
37) Ethyl Acetate	4.79	43	213917	103.937	ug/l	100
38) Carbon Tetrachloride	5.75	117	265097	108.059	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019127.D
 Acq On : 26 Oct 2020 18:54
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:33 PM

Quant Time: Oct 27 05:39:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 19:43:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	312294	106.557	ug/l	98
40) Benzene	6.11	78	736238	104.884	ug/l	100
41) Methacrylonitrile	5.00	41	111954	105.934	ug/l	99
42) 1,2-Dichloroethane	6.16	62	249577	105.514	ug/l	100
43) Isopropyl Acetate	6.41	43	356186	105.769	ug/l	100
44) Trichloroethene	7.19	130	216192	107.032	ug/l	96
45) 1,2-Dichloropropane	7.49	63	175202	106.900	ug/l	99
46) Dibromomethane	7.63	93	134048	107.841	ug/l	99
47) Bromodichloromethane	7.87	83	266071	110.142	ug/l	100
48) Methyl methacrylate	7.74	41	167942	106.596	ug/l	100
49) 1,4-Dioxane	7.72	88	92262	2178.482	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1053626	535.349	ug/l	99
52) Toluene	8.77	92	490980	107.805	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	295768	110.835	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	314348	110.379	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	194965	107.558	ug/l	99
56) Ethyl methacrylate	9.16	69	285037	110.117	ug/l	98
57) 1,3-Dichloropropane	9.35	76	313195	106.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	739786	528.758	ug/l	99
59) 2-Hexanone	9.48	43	812492	543.717	ug/l	100
60) Dibromochloromethane	9.57	129	221634	100.053	ug/l	99
61) 1,2-Dibromoethane	9.65	107	213519	110.747	ug/l	99
64) Tetrachloroethene	9.32	164	194798	103.396	ug/l	99
65) Chlorobenzene	10.12	112	535474	109.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	195108	111.373	ug/l	100
67) Ethyl Benzene	10.24	91	929245	108.503	ug/l	98
68) m/p-Xylenes	10.34	106	728569	220.311	ug/l	100
69) o-Xylene	10.68	106	349047	110.140	ug/l	98
70) Styrene	10.70	104	592982	112.252	ug/l	100
71) Bromoform	10.84	173	166024	100.271	ug/l #	97
73) Isopropylbenzene	11.00	105	932512	101.795	ug/l	99
74) N-amyl acetate	10.88	43	310052	107.787	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	298664	104.282	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	263380m	98.863	ug/l	
77) Bromobenzene	11.24	156	240732	104.684	ug/l	98
78) n-propylbenzene	11.34	91	1061079	103.358	ug/l	99
79) 2-Chlorotoluene	11.40	91	617553	102.684	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	799148	106.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	103415	111.532	ug/l	99
82) 4-Chlorotoluene	11.49	91	733796	103.070	ug/l	99
83) tert-Butylbenzene	11.76	119	772622	104.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	803582	105.276	ug/l	98
85) sec-Butylbenzene	11.93	105	931924	104.959	ug/l	99
86) p-Isopropyltoluene	12.05	119	878357	107.036	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	452023	105.707	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	460757	103.370	ug/l	98
89) n-Butylbenzene	12.37	91	804317	107.277	ug/l	99
90) Hexachloroethane	12.58	117	156235	114.069	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	440180	105.330	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67257	108.919	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
Data File : VX019127.D
Acq On : 26 Oct 2020 18:54
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

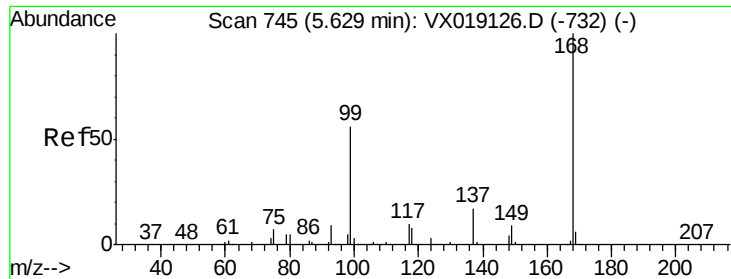
Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM

Quant Time: Oct 27 05:39:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 26 19:43:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	310873	107.246	ug/l	99
94) Hexachlorobutadiene	13.76	225	135974	105.137	ug/l	100
95) Naphthalene	13.82	128	1021412	111.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	300496	105.585	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:168 Resp: 164921

Ion Ratio Lower Upper

168 100

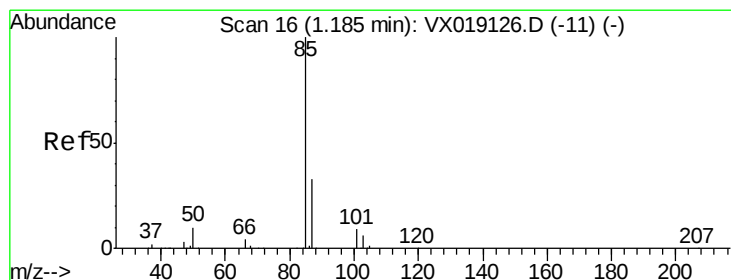
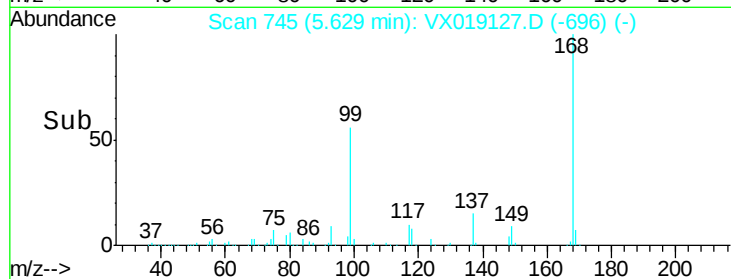
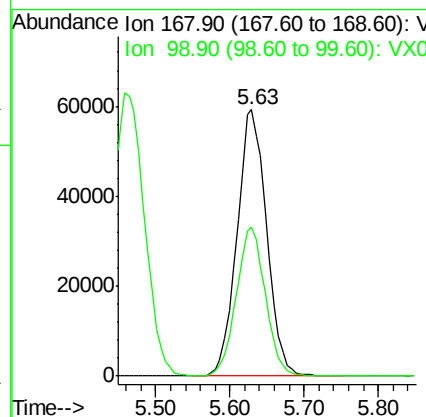
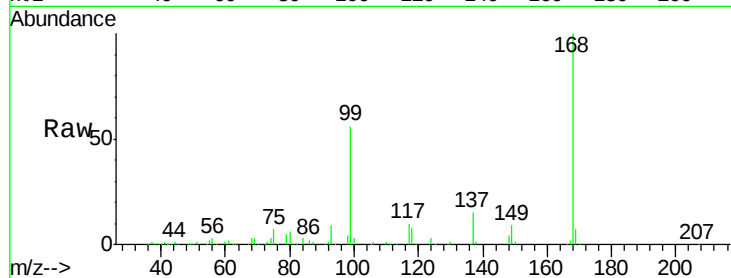
99 55.7 44.4 66.6

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



#2

Dichlorodifluoromethane

Concen: 104.833 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019127.D

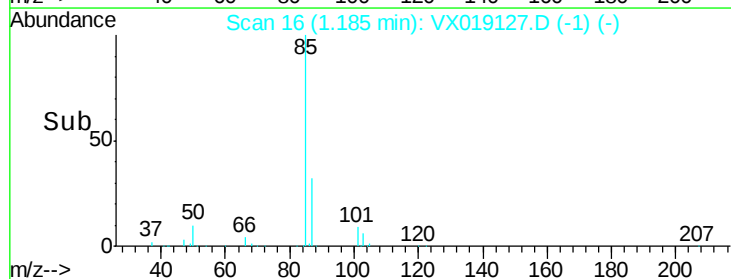
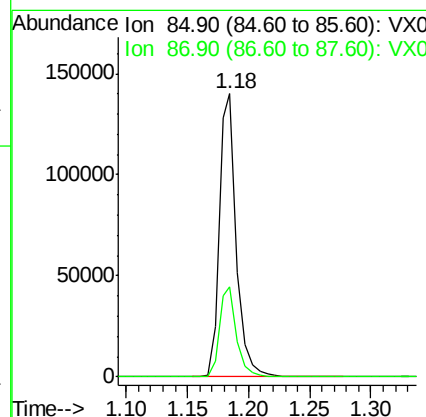
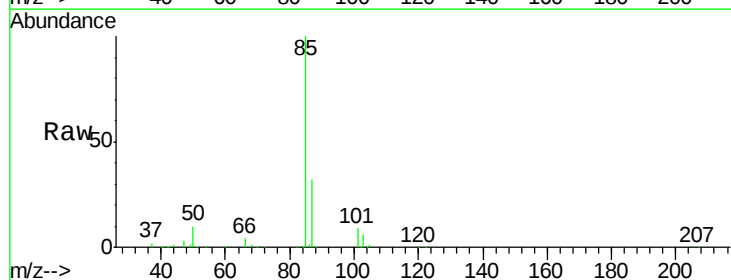
Acq: 26 Oct 2020 18:54

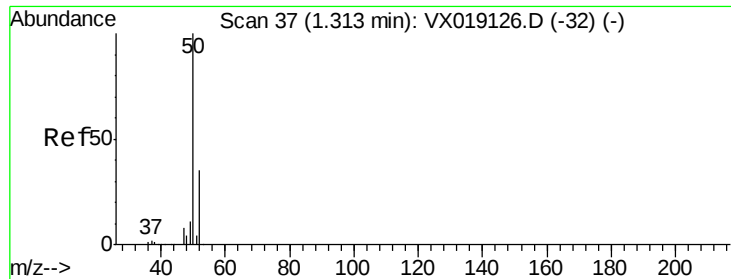
Tgt Ion: 85 Resp: 136949

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.9





#3

Chloromethane

Concen: 100.119 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 139604

Ion Ratio Lower Upper

50 100

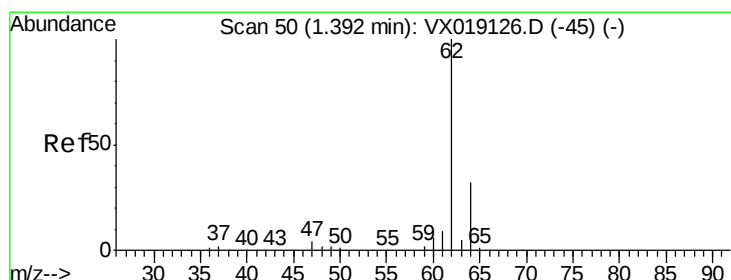
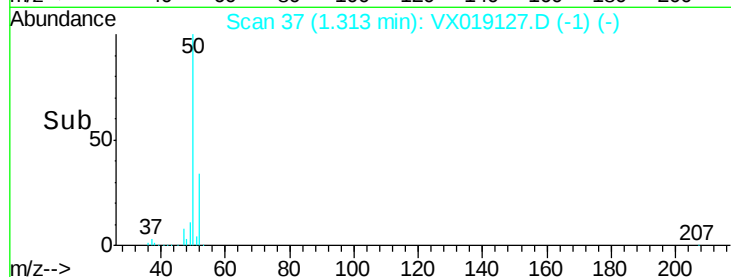
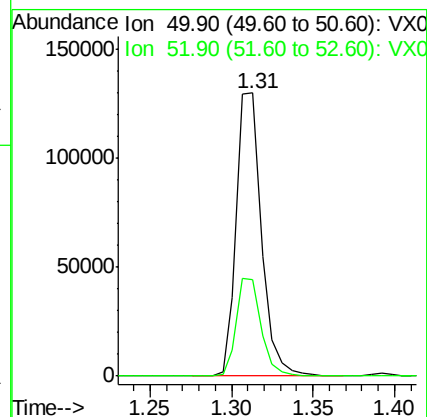
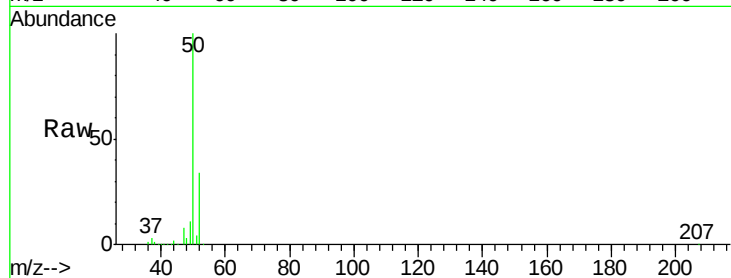
52 34.2 27.7 41.5

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



#4

Vinyl Chloride

Concen: 103.428 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019127.D

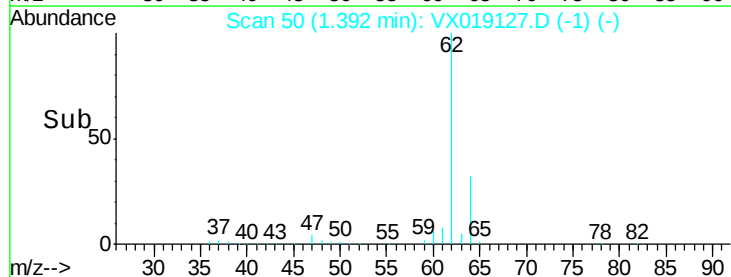
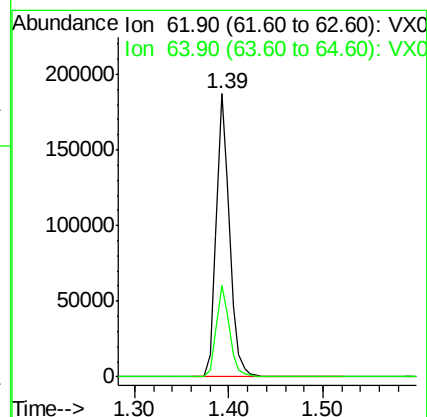
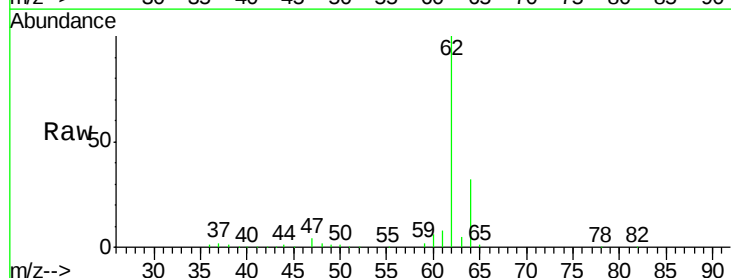
Acq: 26 Oct 2020 18:54

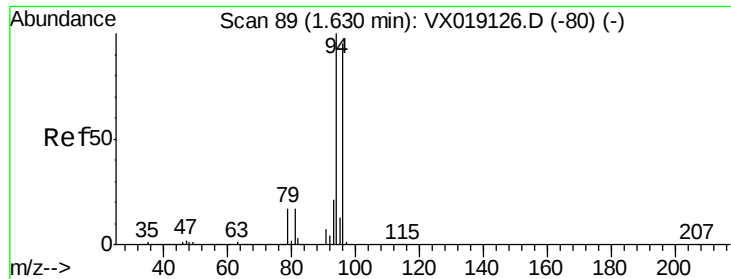
Tgt Ion: 62 Resp: 182693

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 79.391 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 88829

Ion Ratio Lower Upper

94 100

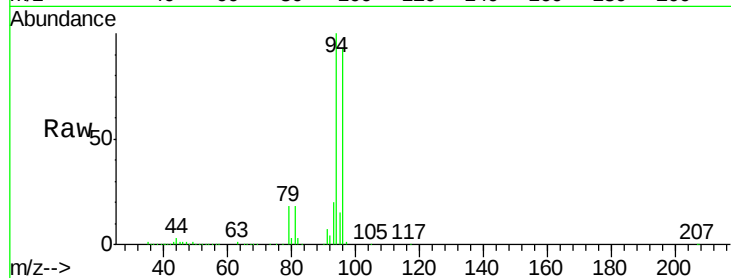
96 93.2 76.3 114.5

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

60000

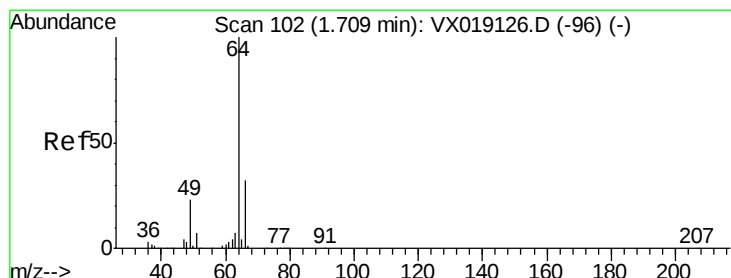
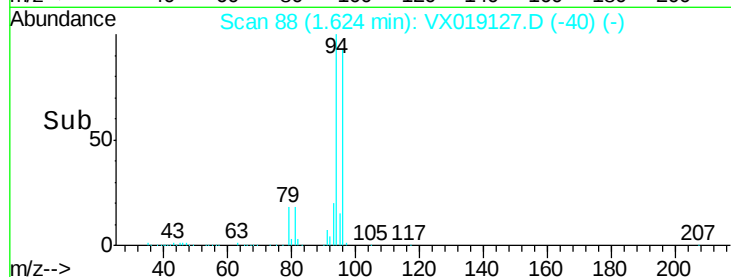
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 102.925 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX019127.D

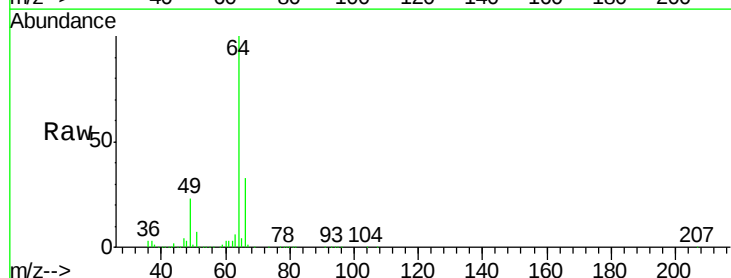
Acq: 26 Oct 2020 18:54

Tgt Ion: 64 Resp: 123611

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

120000

100000

80000

60000

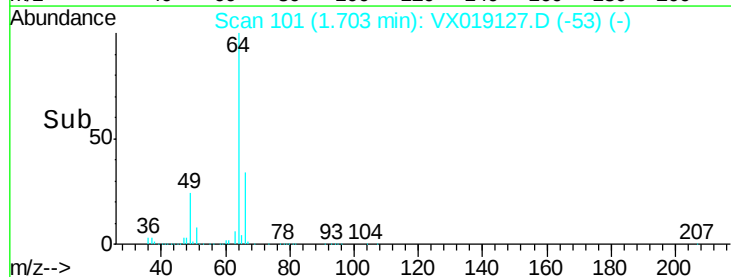
40000

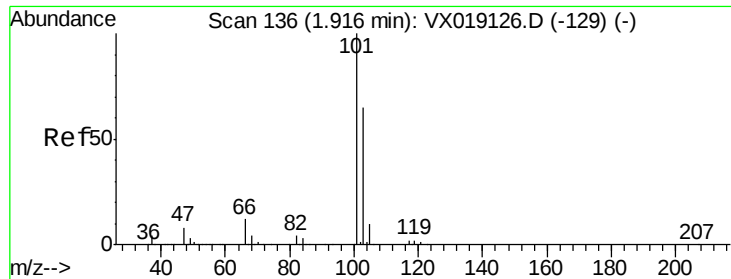
20000

0

Time-->

1.60 1.70 1.80





#7

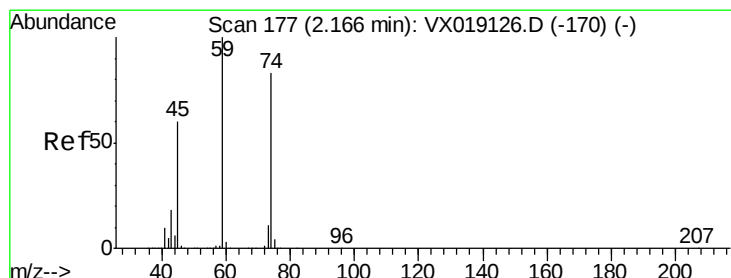
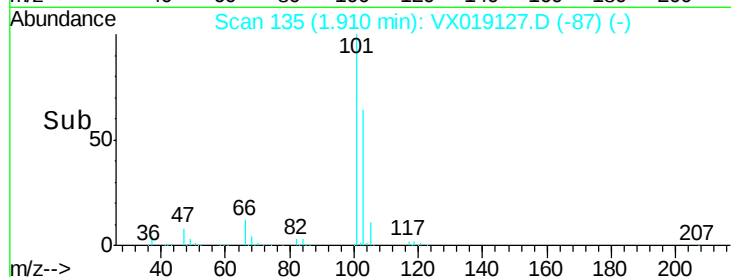
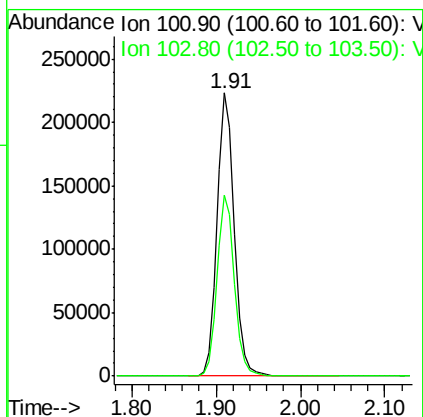
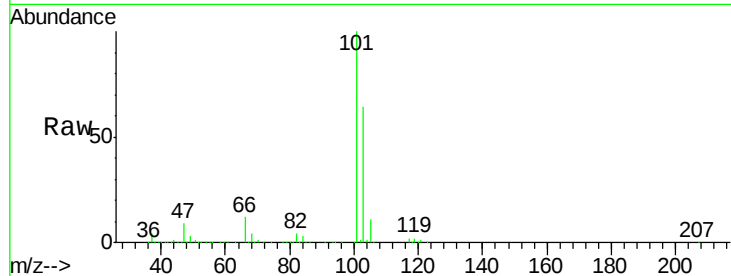
Trichlorofluoromethane
Concen: 104.019 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		316006		
103	63.9	51.8	77.6		

Manual Integrations
APPROVED

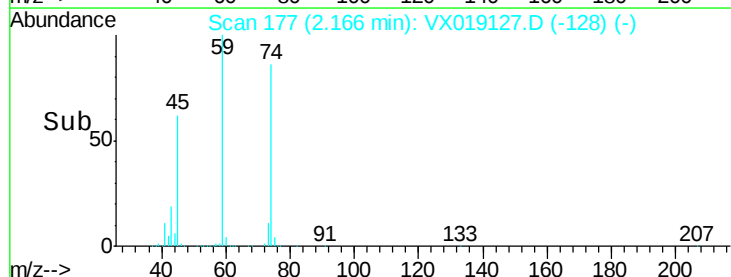
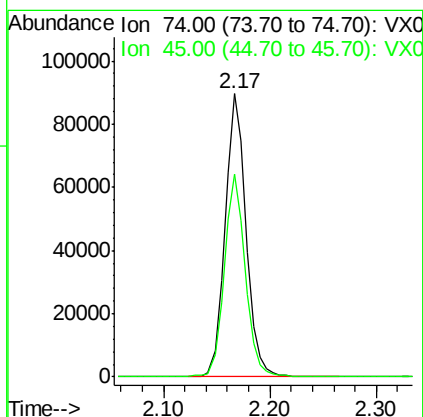
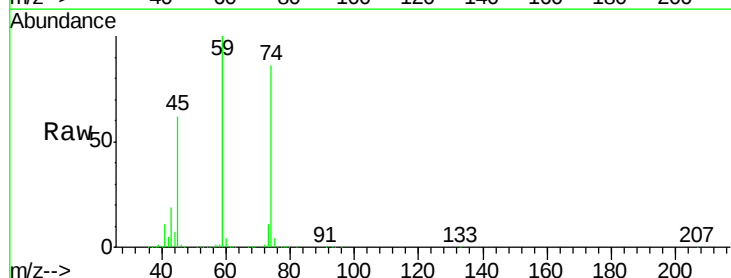
MMDadoda
10/27/2020 6:55:33 PM

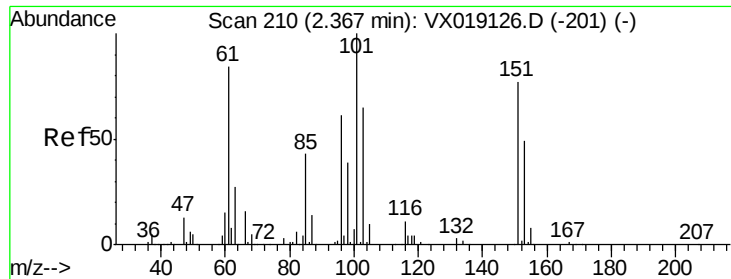


#8

Diethyl Ether
Concen: 103.009 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		123395		
45	71.9	36.1	108.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.877 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

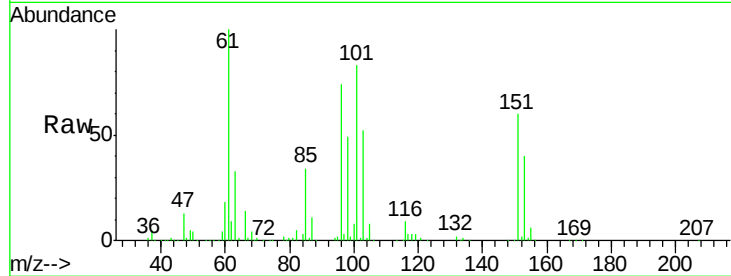
ClientSampleId :

VSTDIC100

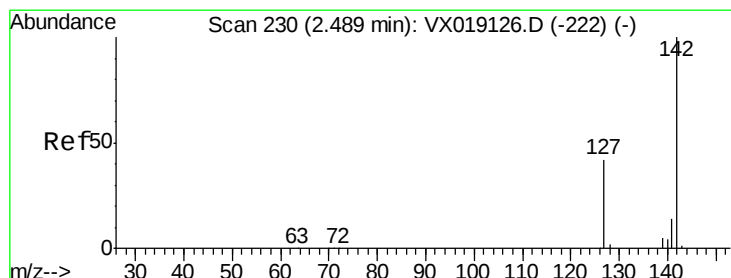
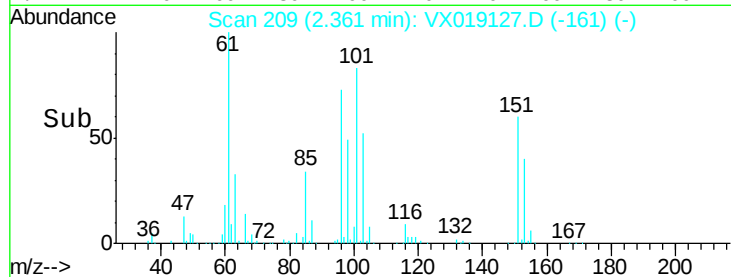
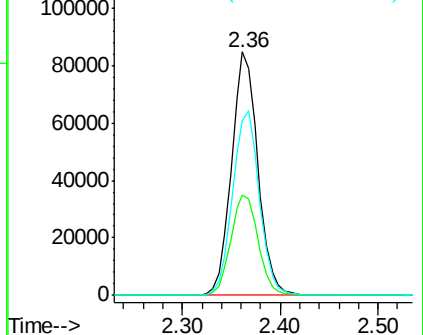
Tot Ion:	101	Resp:	157977
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.7	52.1
151	77.1	61.7	92.5

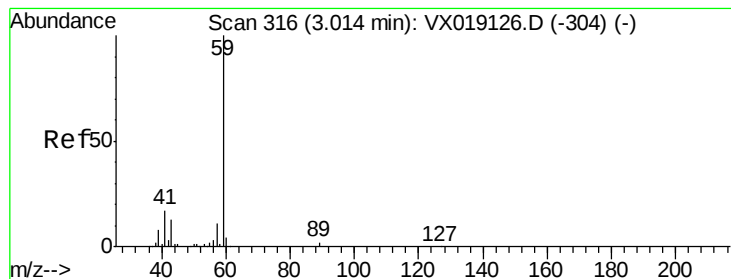
Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V





#11

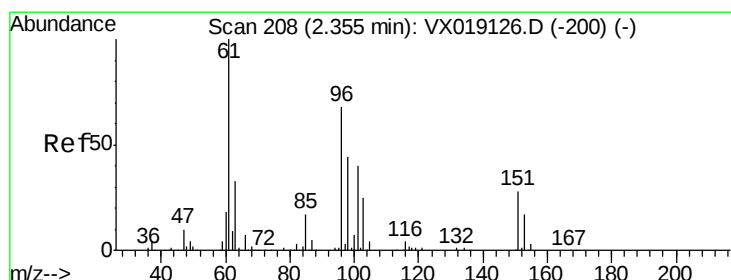
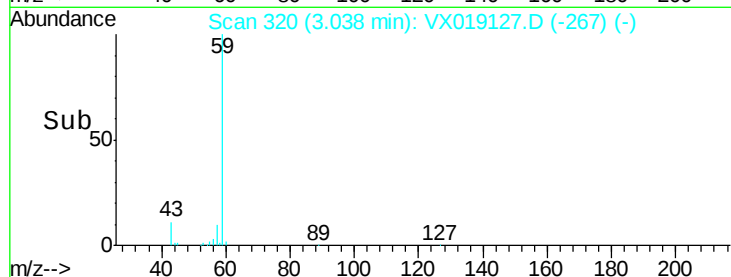
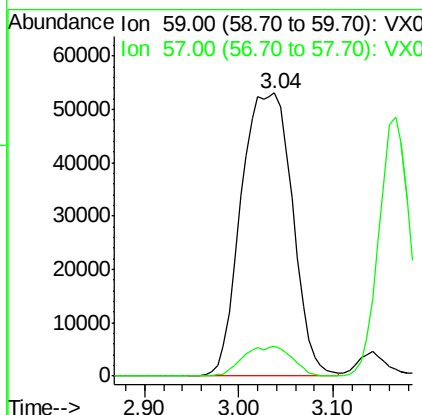
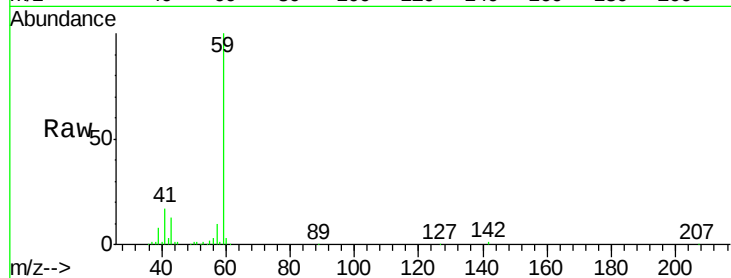
Tert butyl alcohol
Concen: 503.624 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.03 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
59	100	201905		
57	10.2		8.2	12.4

Manual Integrations
APPROVED

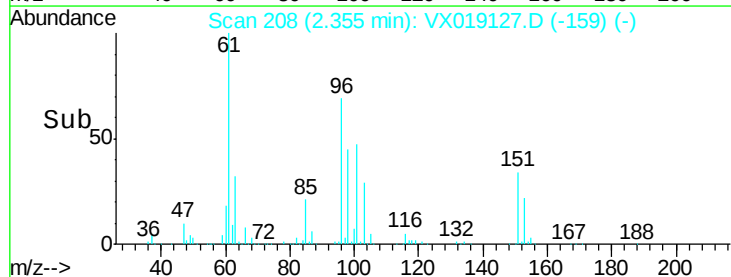
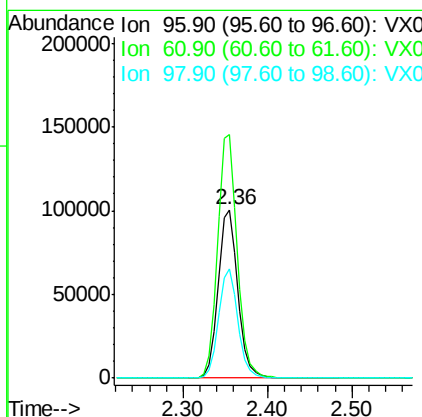
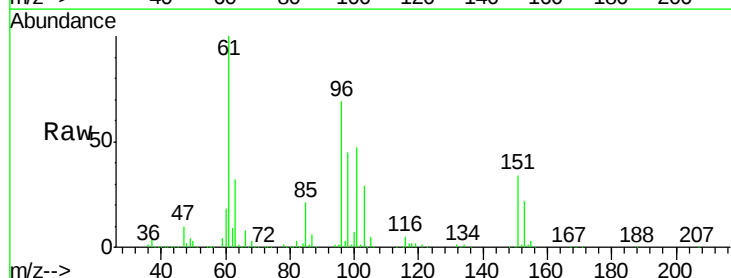
MMDadoda
10/27/2020 6:55:33 PM

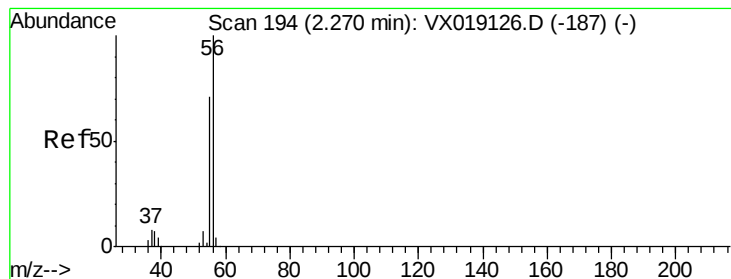


#12

1,1-Dichloroethene
Concen: 105.075 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	161876		
61	144.7		117.0	175.4
98	64.9		51.2	76.8





#13

Acrolein

Concen: 506.764 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 89542

Ion Ratio Lower Upper

56 100

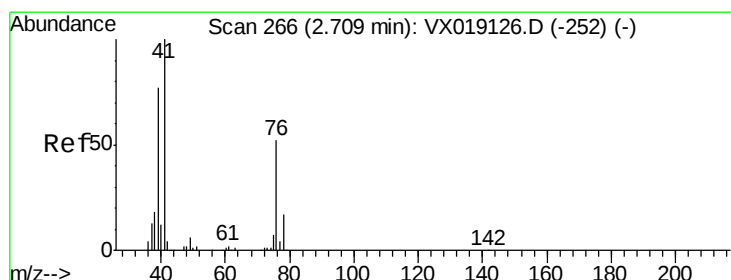
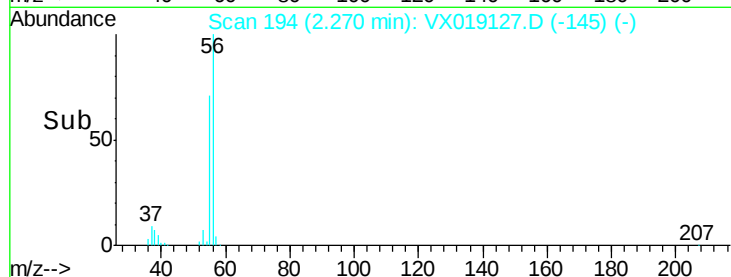
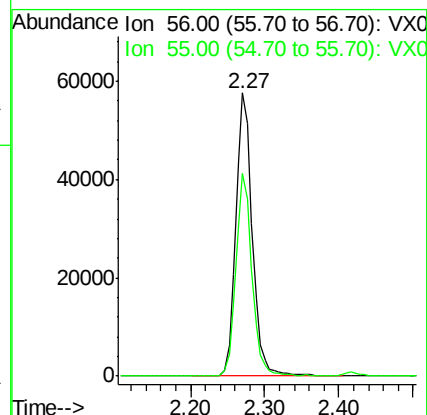
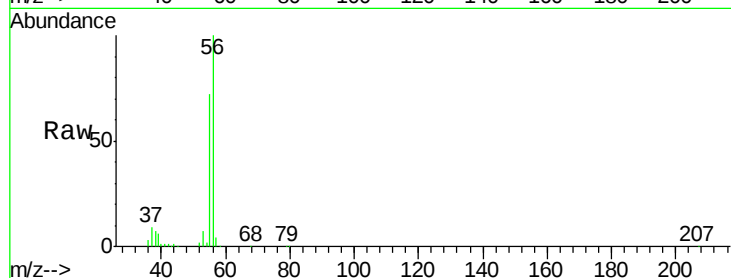
55 69.7 55.9 83.9

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



#14

Allyl chloride

Concen: 104.700 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

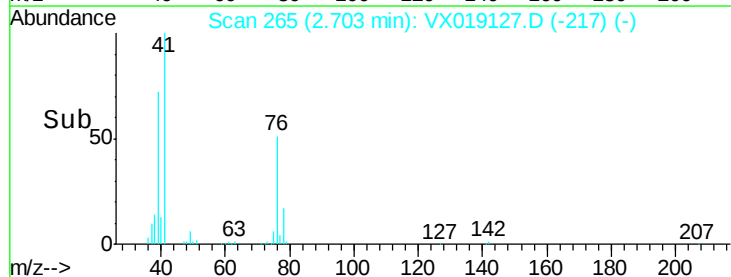
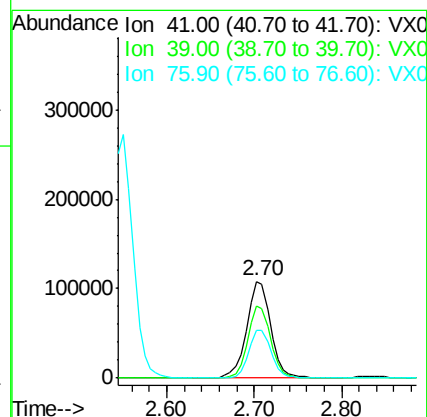
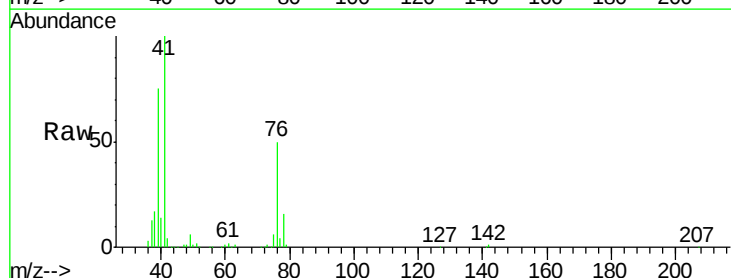
Tgt Ion: 41 Resp: 207327

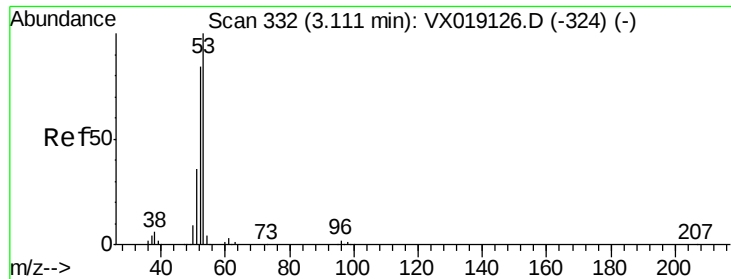
Ion Ratio Lower Upper

41 100

39 70.2 57.0 85.4

76 46.2 37.6 56.4





#15

Acrylonitrile

Concen: 530.334 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

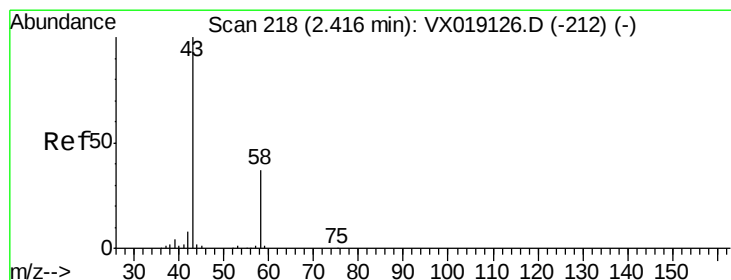
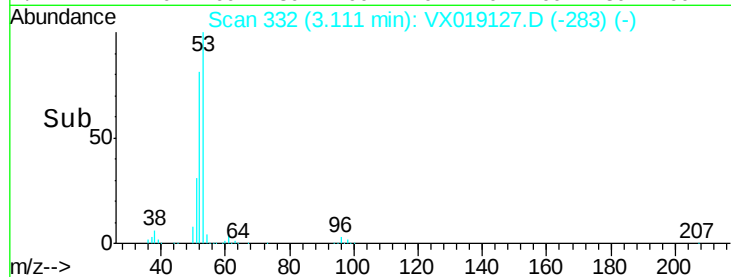
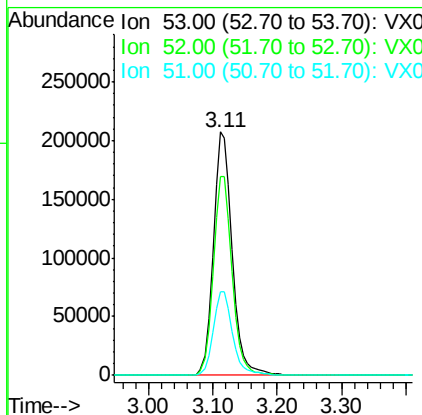
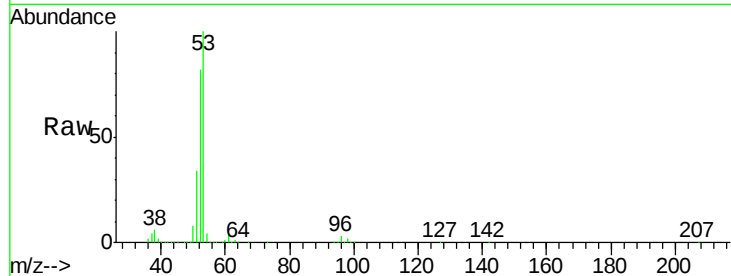
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	424091
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.8	98.8
51	35.4	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#16

Acetone

Concen: 505.865 ug/l

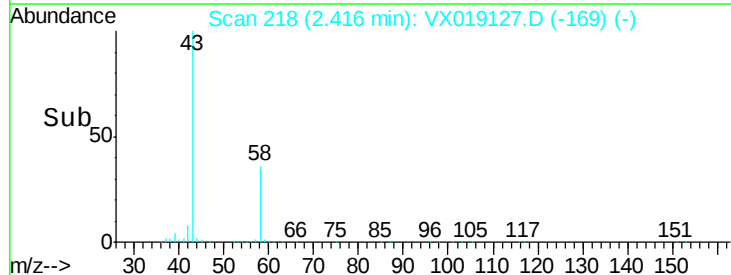
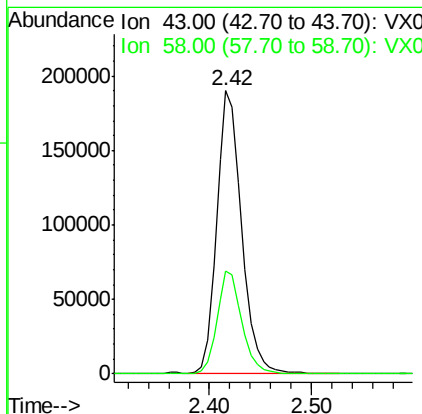
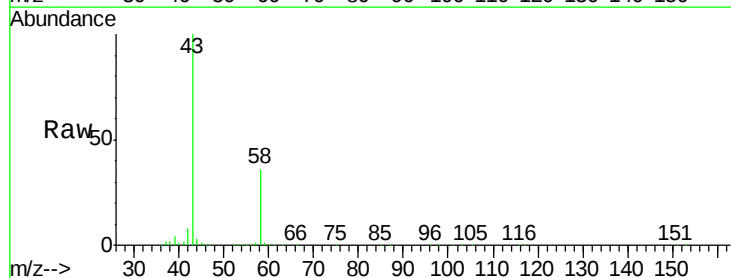
RT: 2.42 min Scan# 218

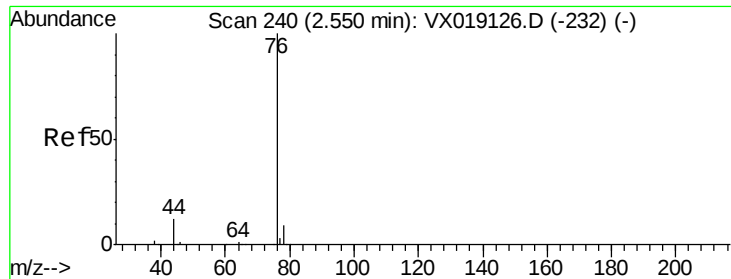
Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion:	43	Resp:	321156
Ion Ratio	Lower	Upper	
43	100		
58	36.4	29.4	44.0





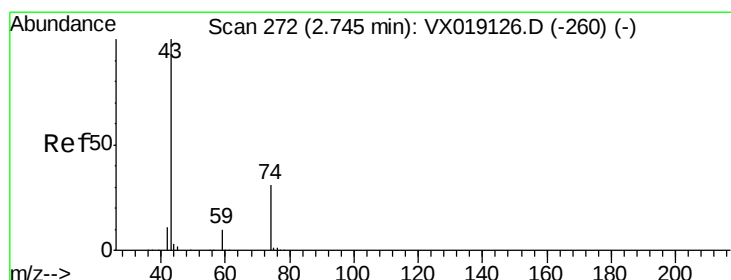
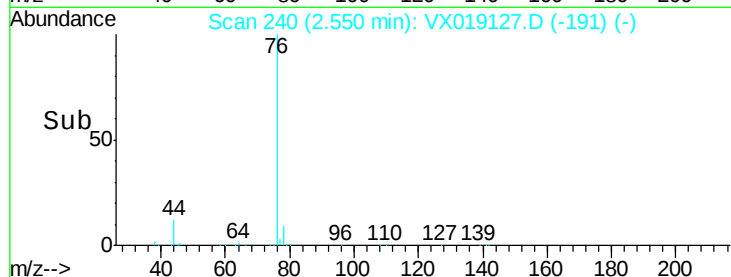
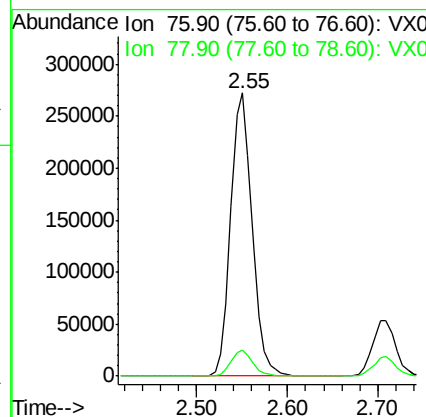
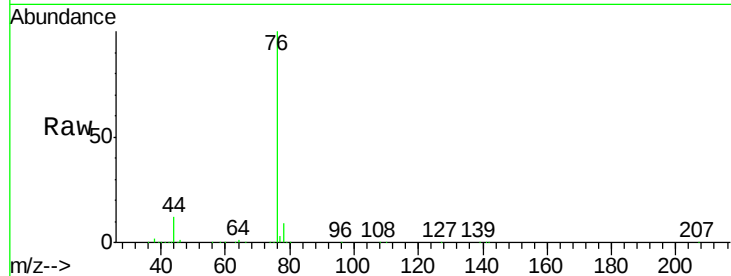
#17
Carbon Disulfide
Concen: 105.066 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

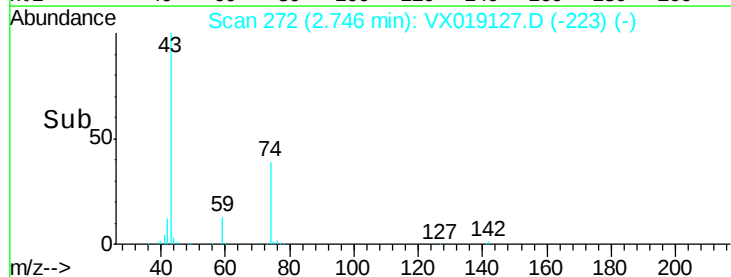
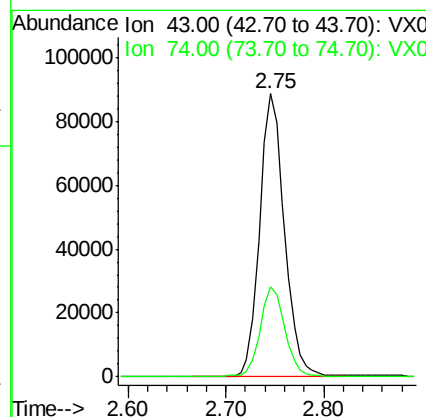
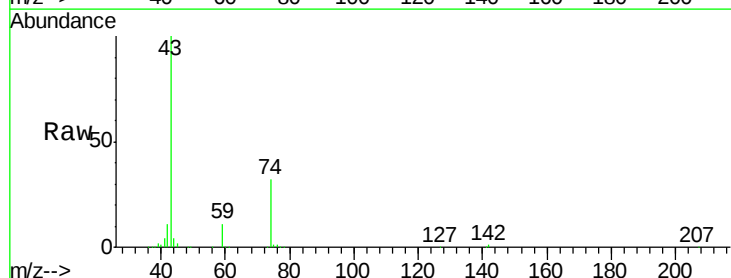
Manual Integrations
APPROVED

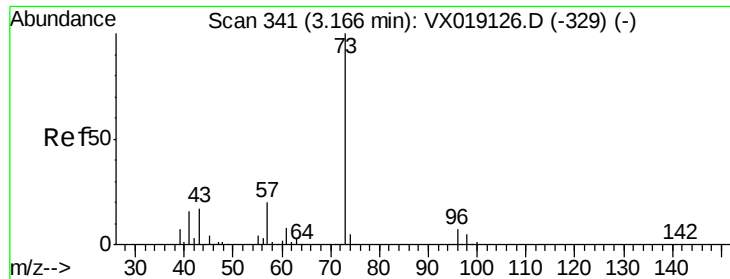
MMDadoda
10/27/2020 6:55:33 PM



#18
Methyl Acetate
Concen: 99.527 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.2	25.3	37.9





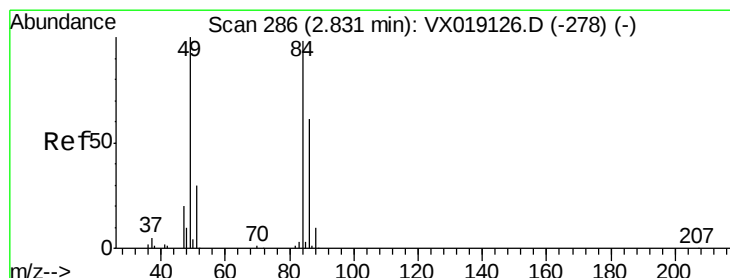
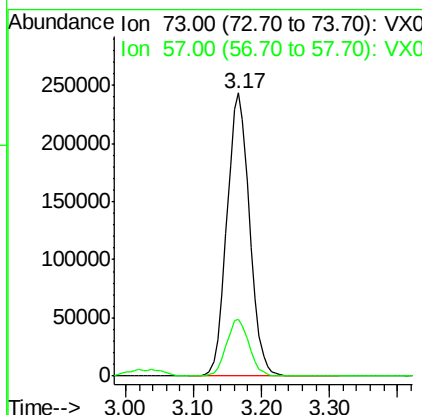
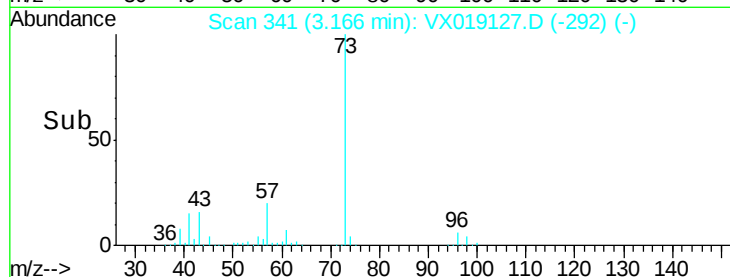
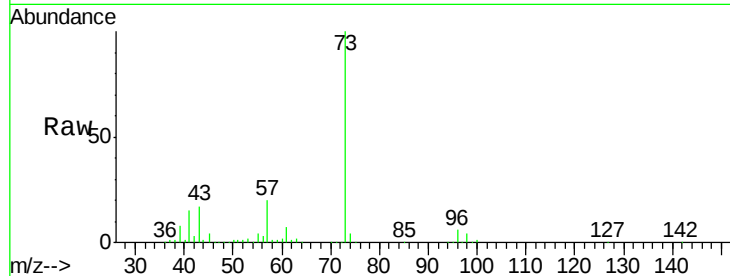
#19
Methvl tert-butvl Ether
Concen: 106.001 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	16.2	24.2

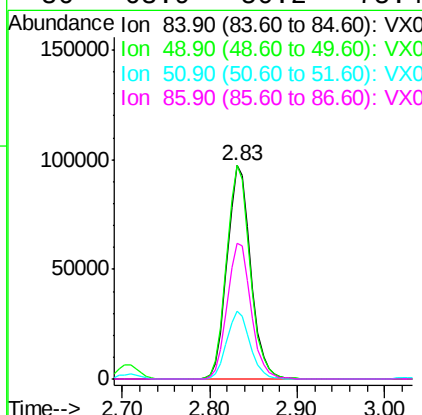
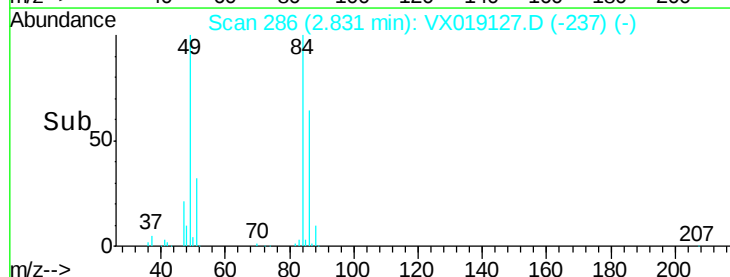
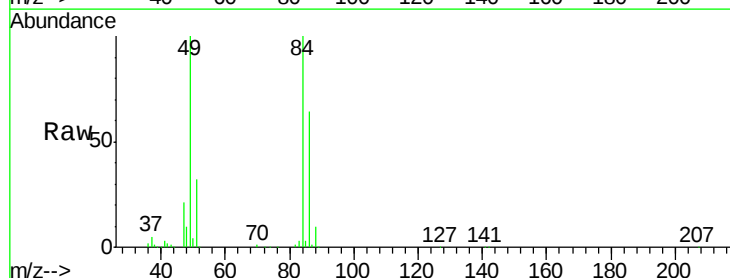
Manual Integrations
APPROVED

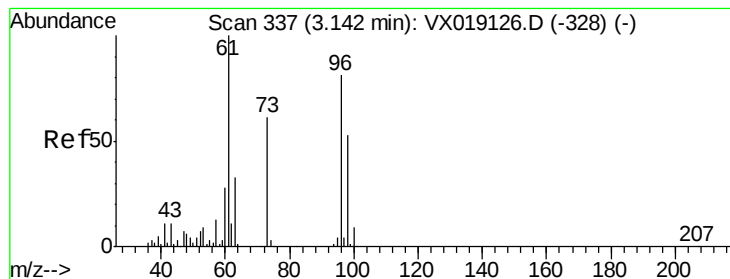
MMDadoda
10/27/2020 6:55:33 PM



#20
Methylene Chloride
Concen: 98.674 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.1	82.0	123.0
51	32.1	24.2	36.4
86	63.9	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 104.642 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 190225

Ion Ratio Lower Upper

96 100

61 119.8 98.8 148.2

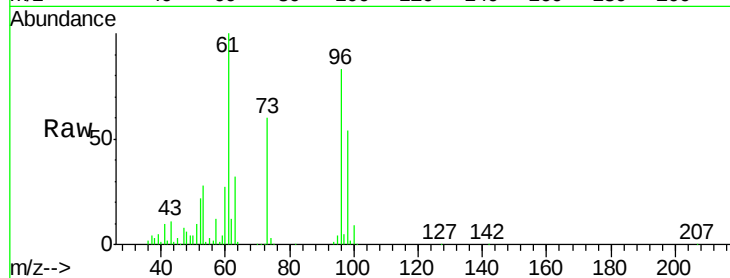
98 64.2 52.6 79.0

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM

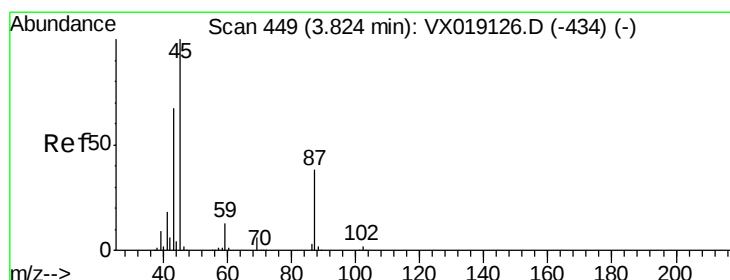
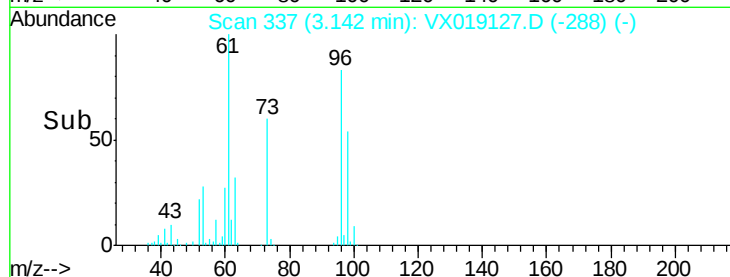
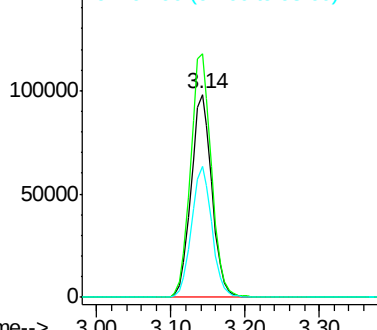


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 105.958 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion: 45 Resp: 448308

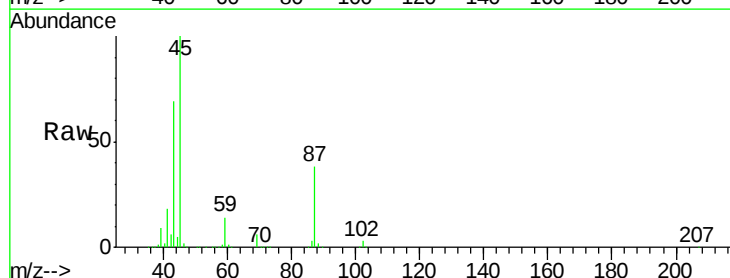
Ion Ratio Lower Upper

45 100

43 68.9 54.4 81.6

87 37.6 30.2 45.2

59 13.8 10.8 16.2



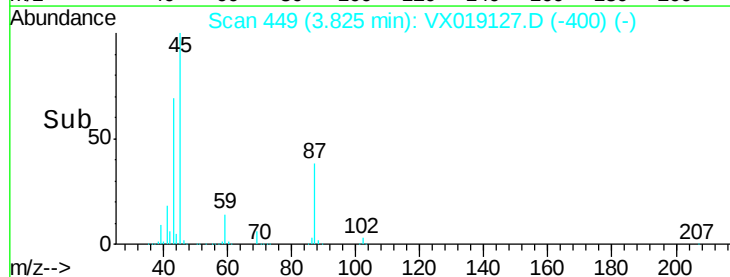
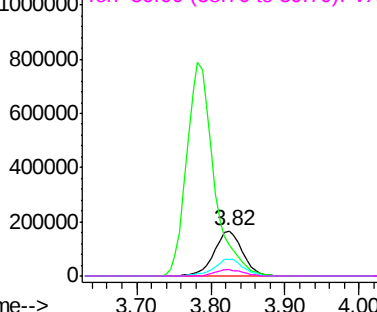
Abundance

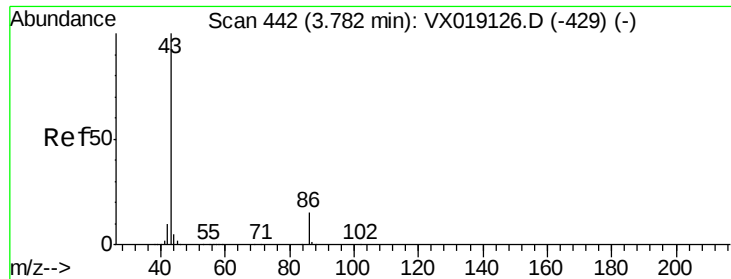
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 541.622 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2010095

Ion Ratio Lower Upper

43 100

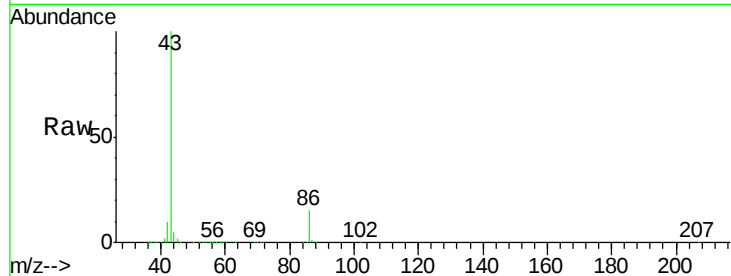
86 15.1 11.9 17.9

Manual Integrations

APPROVED

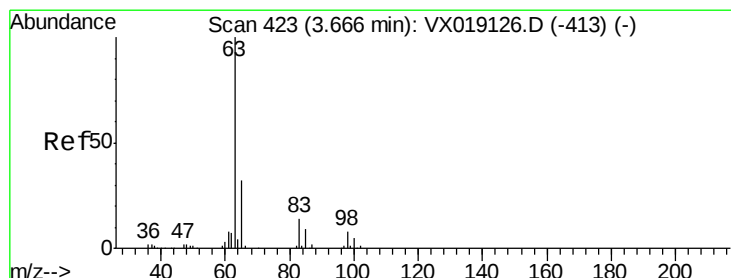
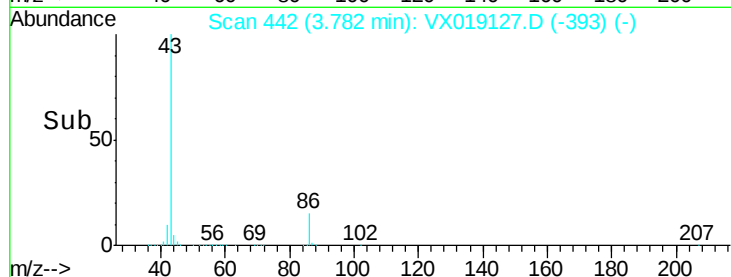
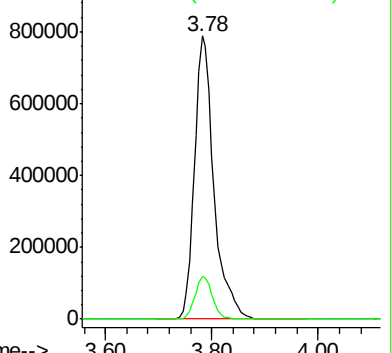
MMDadoda

10/27/2020 6:55:33 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 106.450 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

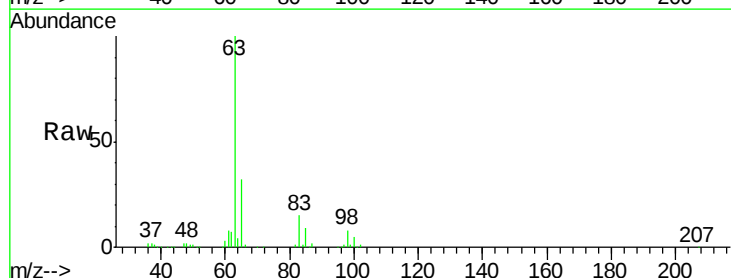
Tgt Ion: 63 Resp: 298163

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

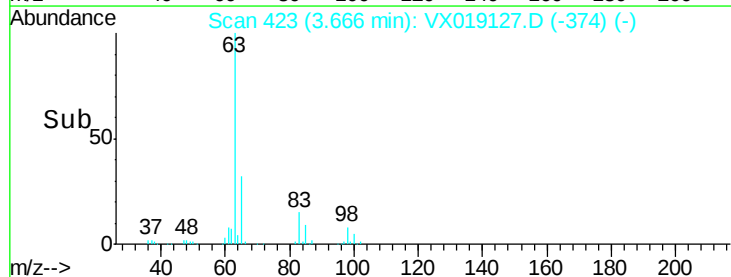
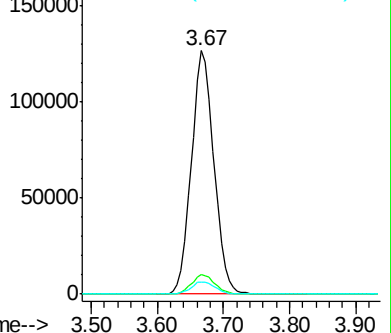
100 5.1 2.5 7.4

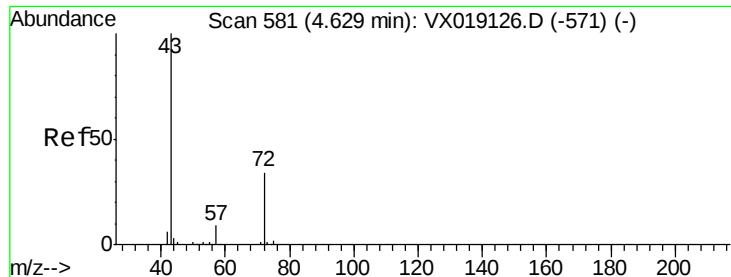


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 522.462 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 529685

Ion Ratio Lower Upper

43 100

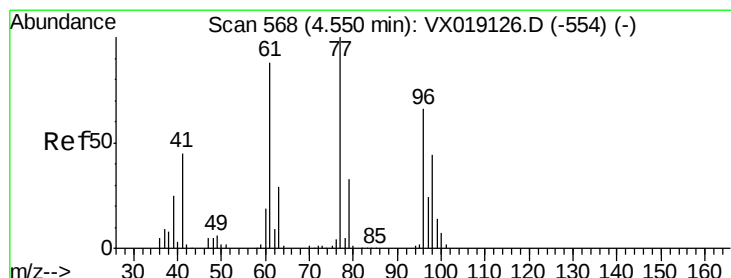
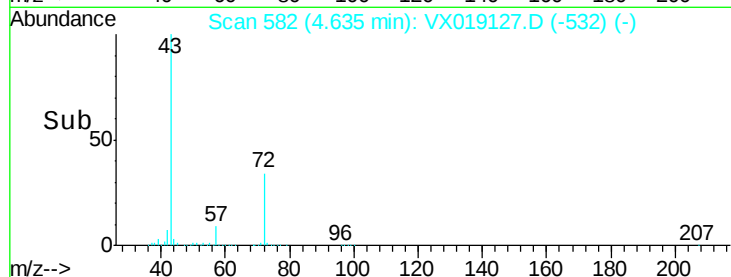
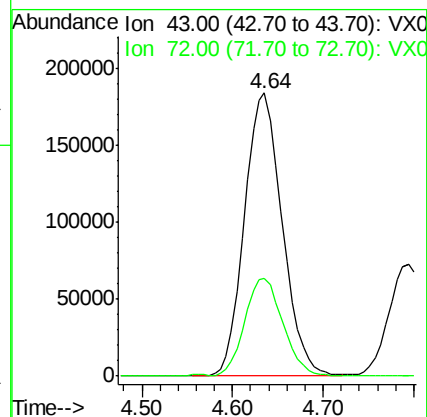
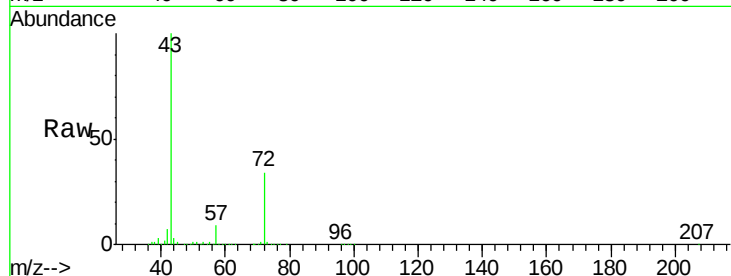
72 34.3 27.5 41.3

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



#26

2,2-Dichloropropane

Concen: 105.509 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019127.D

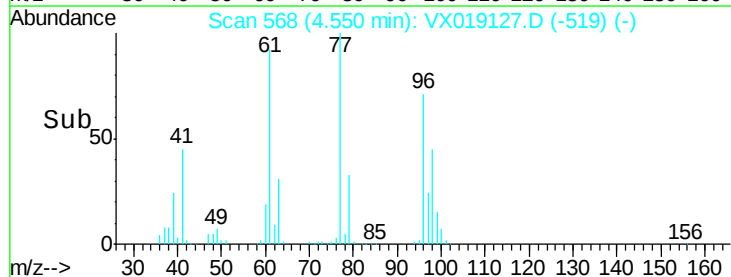
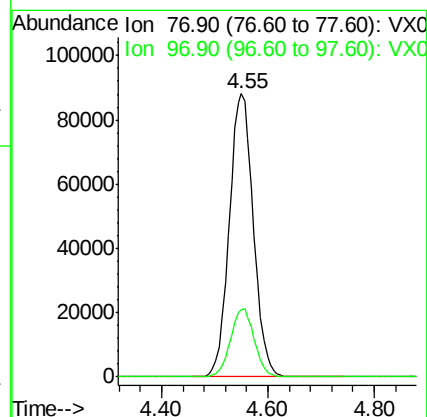
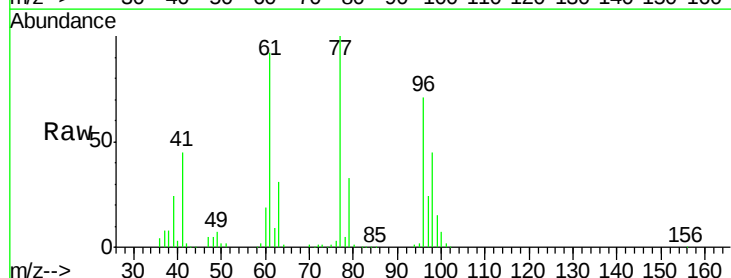
Acq: 26 Oct 2020 18:54

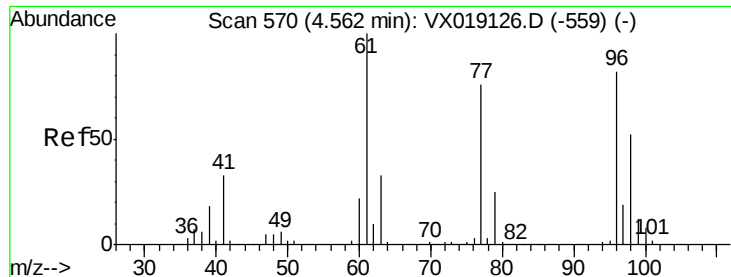
Tgt Ion: 77 Resp: 278088

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7





#27

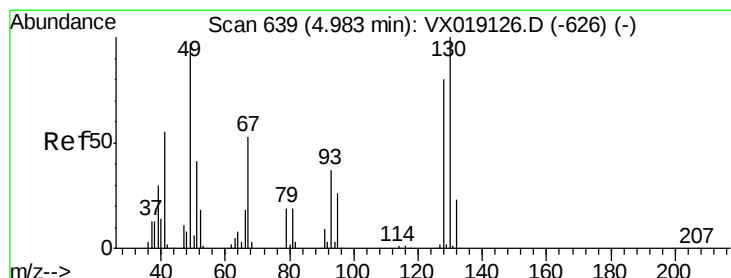
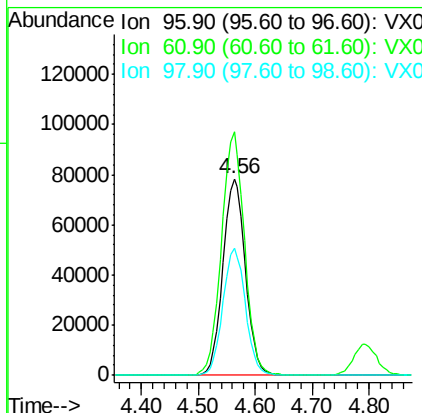
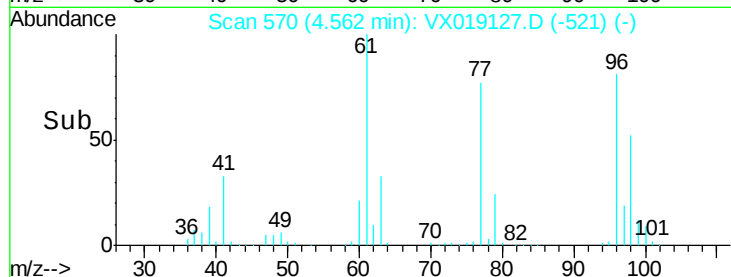
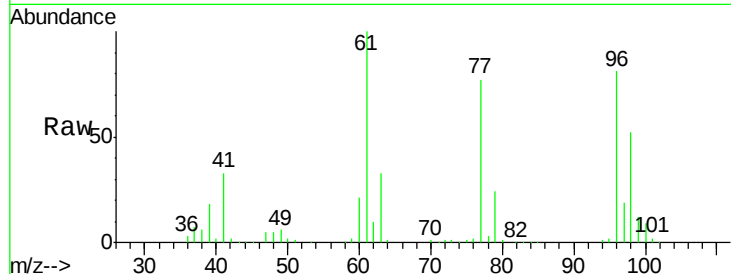
cis-1,2-Dichloroethene
Concen: 105.768 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	215750		
61	126.7	0.0	260.0	
98	64.7	0.0	131.6	

Manual Integrations
APPROVED

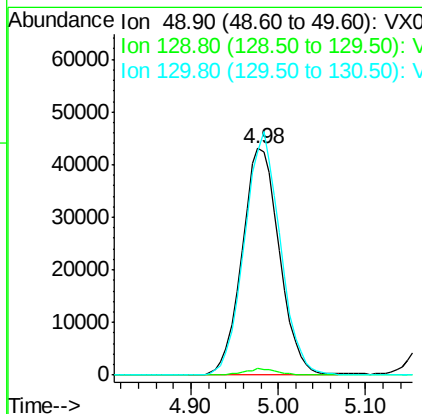
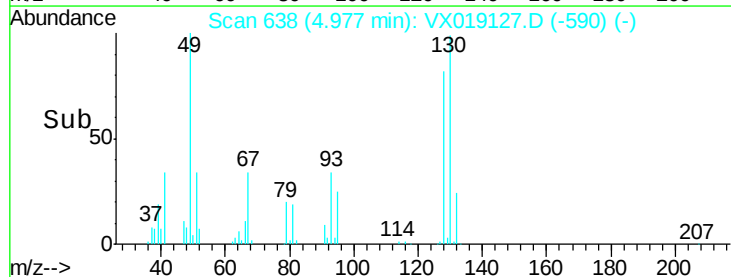
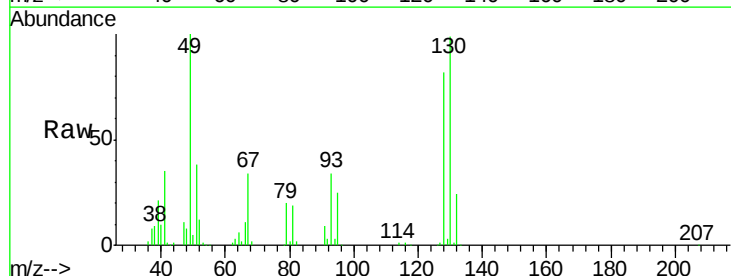
MMDadoda
10/27/2020 6:55:33 PM

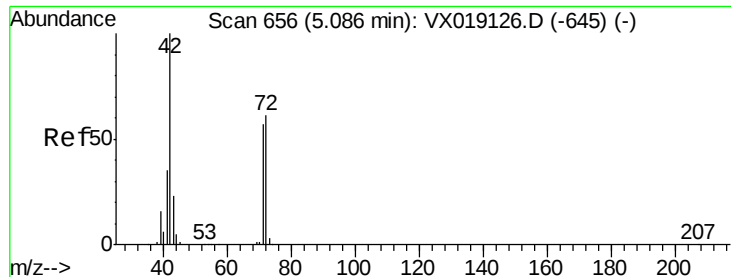


#28

Bromochloromethane
Concen: 105.782 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	128099		
129	2.6	0.0	5.2	
130	102.5	81.1	121.7	





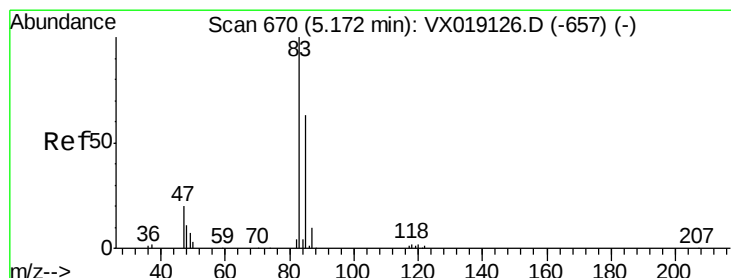
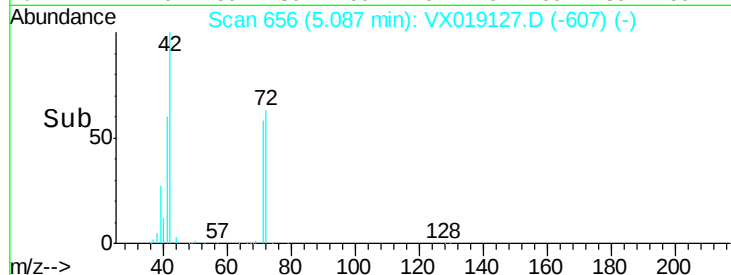
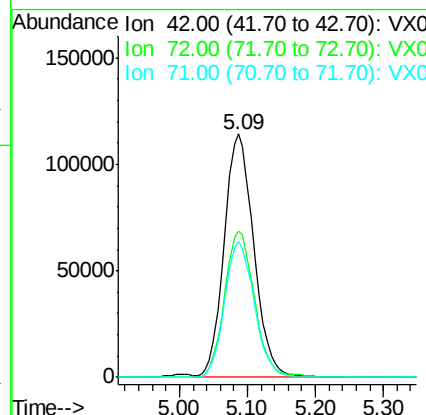
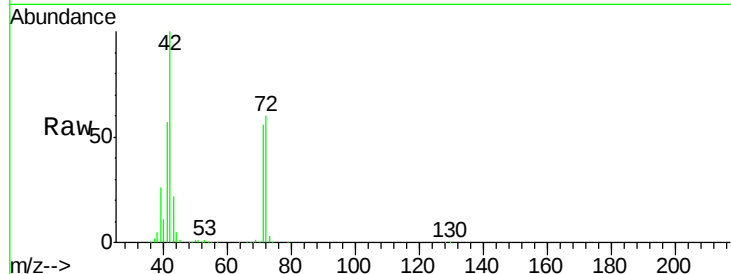
#29
Tetrahydrofuran
Concen: 533.653 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.3	49.0	73.6
71	56.1	44.9	67.3

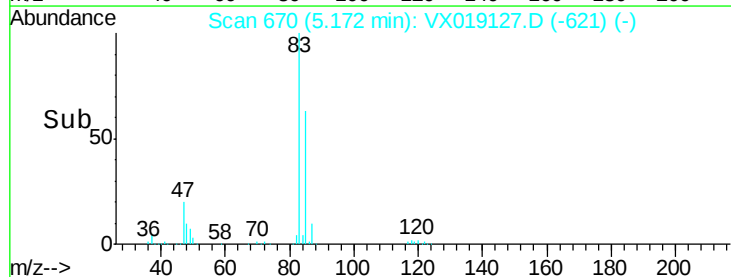
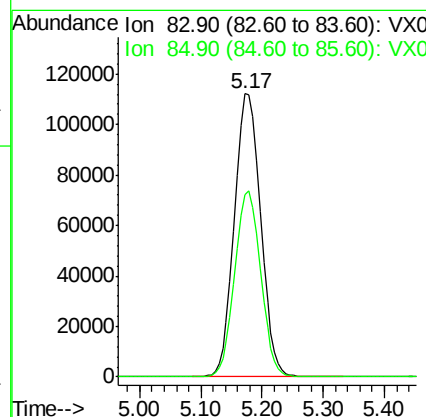
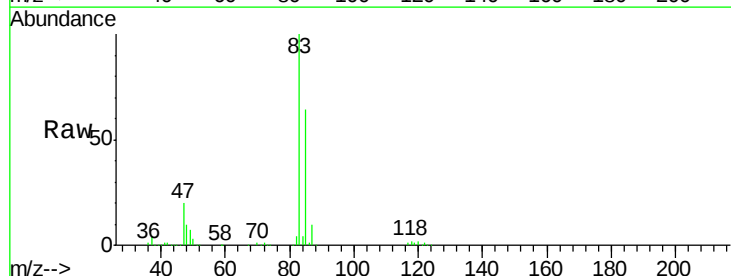
Manual Integrations
APPROVED

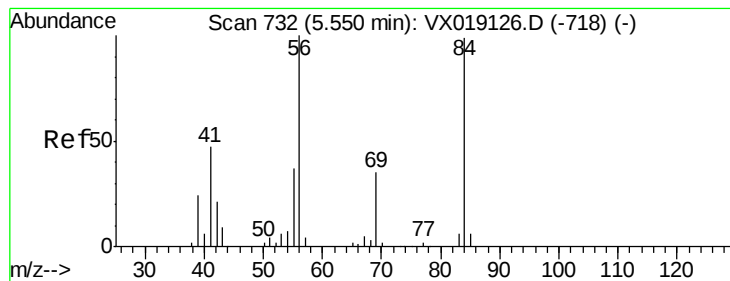
MMDadoda
10/27/2020 6:55:33 PM



#30
Chloroform
Concen: 106.740 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5





#31

Cyclohexane

Concen: 104.003 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

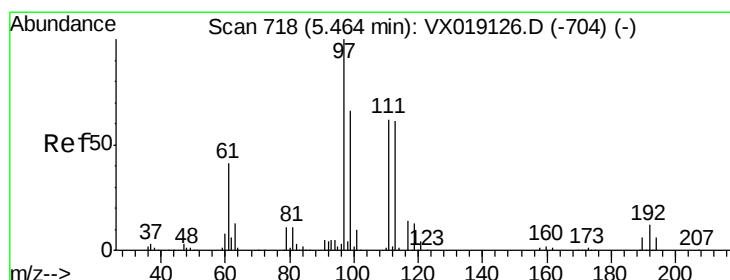
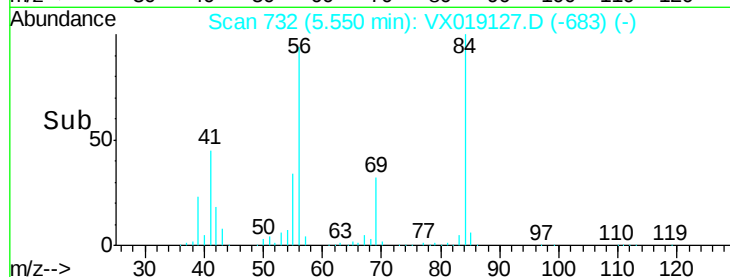
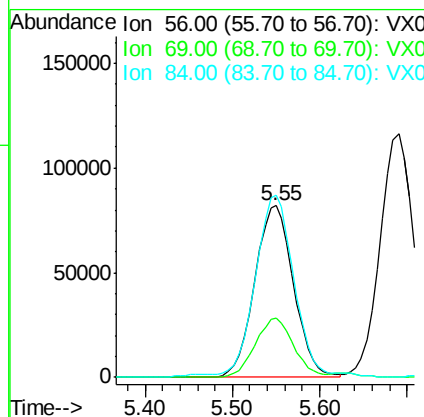
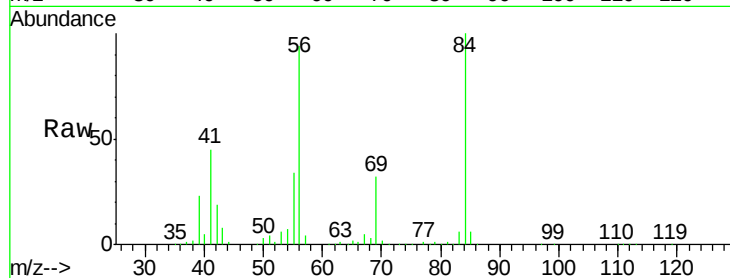
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	253976
Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.1	42.1
84	104.4	79.0	118.6

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#32

1,1,1-Trichloroethane

Concen: 109.141 ug/l

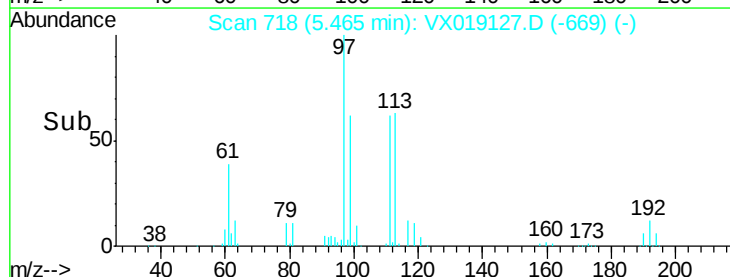
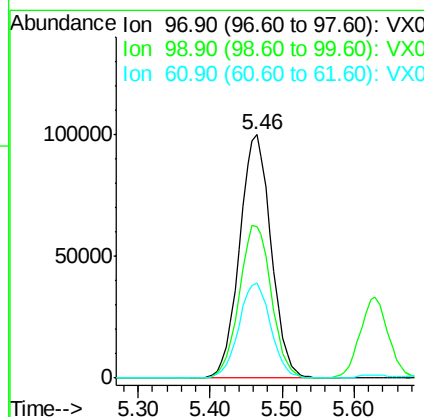
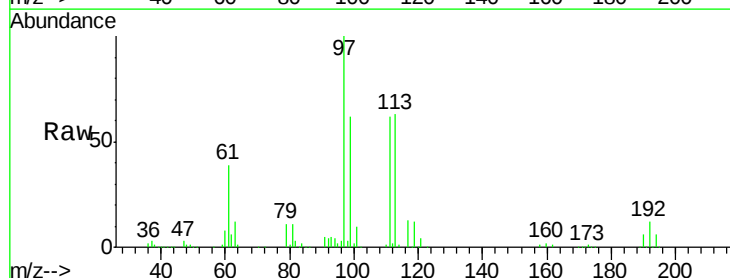
RT: 5.46 min Scan# 718

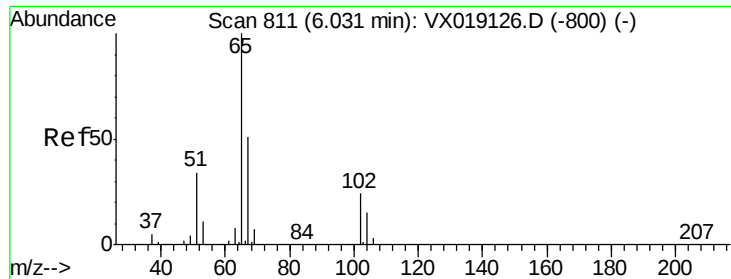
Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion:	97	Resp:	303783
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	39.7	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 98.272 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tot Ion: 65 Resp: 192928

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.0

Instrument :

MSVOA_X

ClientSampleId :

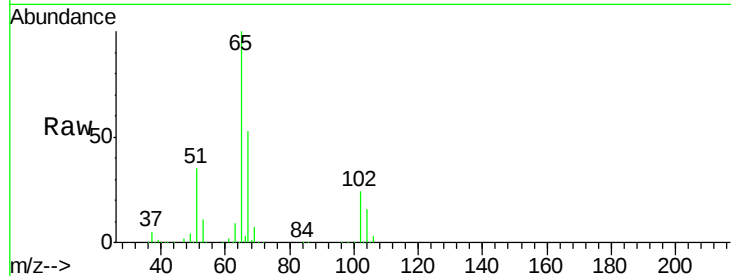
VSTDIC100

Manual Integrations

APPROVED

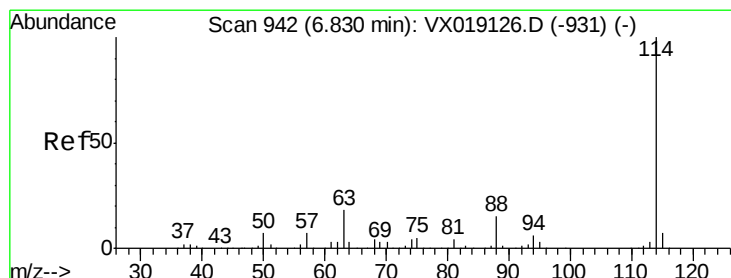
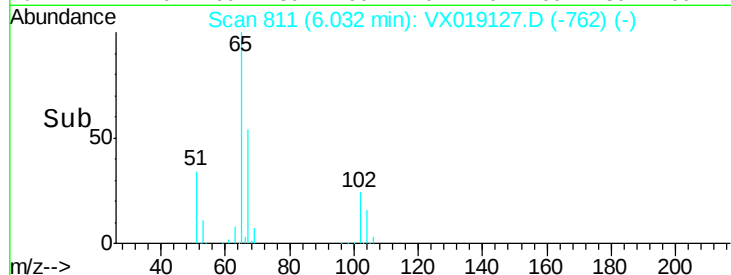
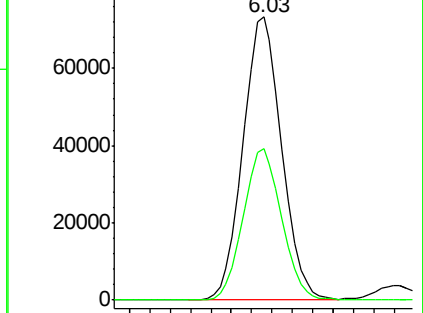
MMDadoda

10/27/2020 6:55:33 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

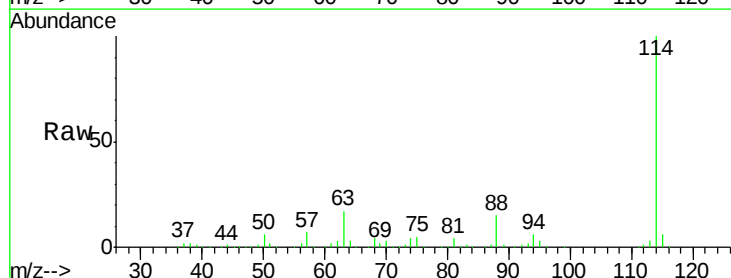
Tgt Ion: 114 Resp: 272460

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.4

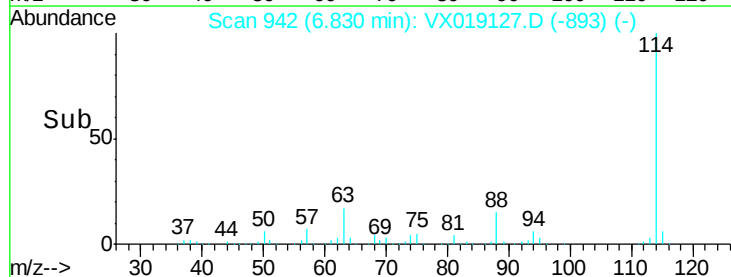
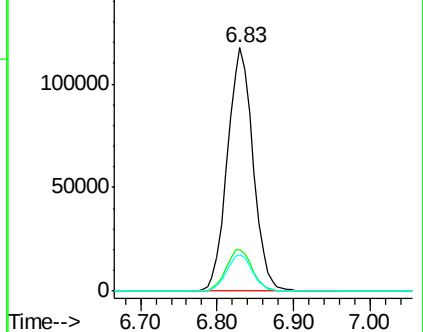
88 14.6 0.0 30.8

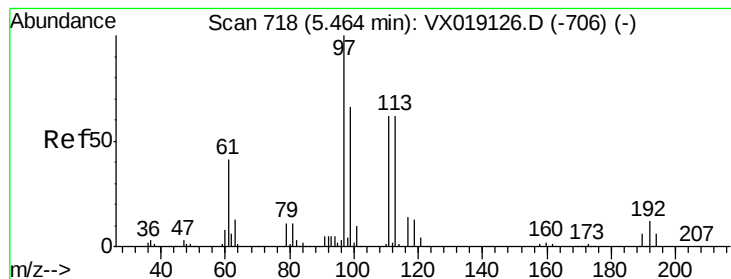


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 102.192 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

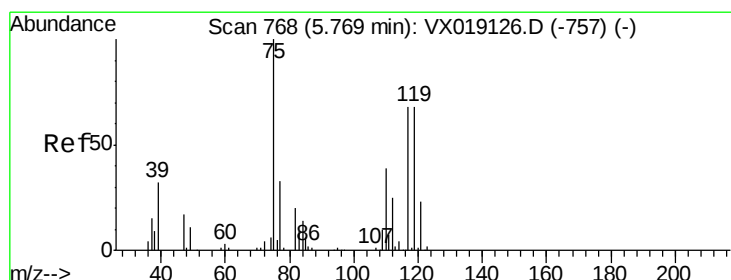
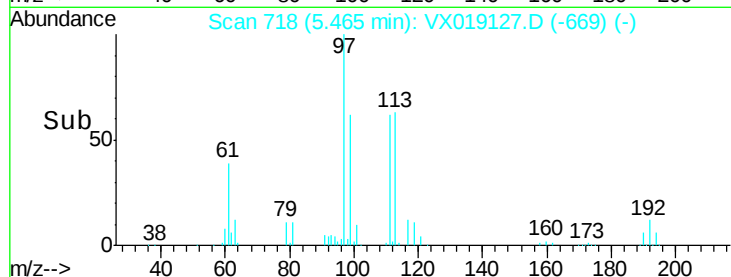
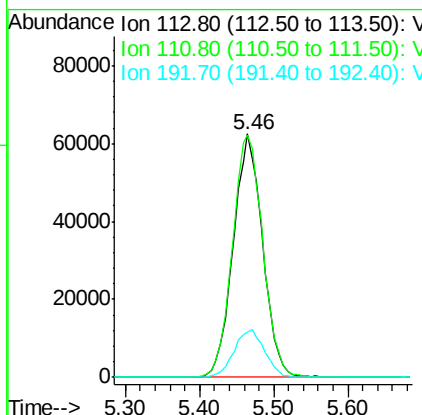
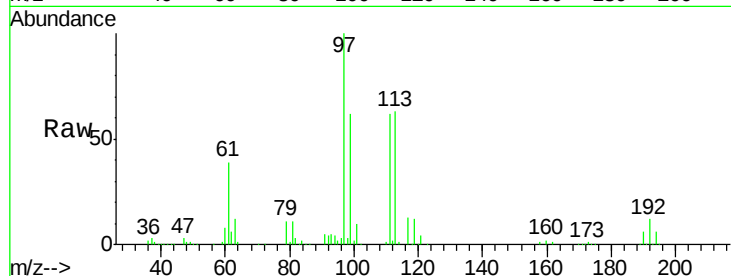
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	172854		
111	102.9	81.8	122.6	
192	20.5	16.1	24.1	

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#36

1,1-Dichloropropene

Concen: 104.579 ug/l

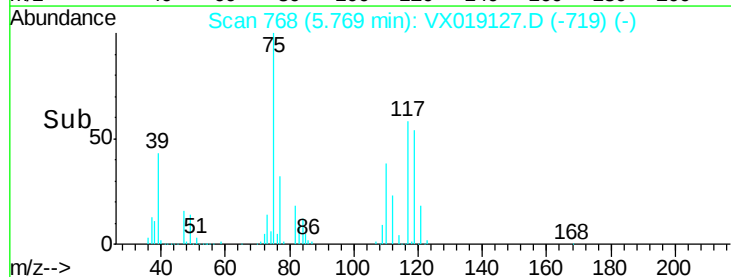
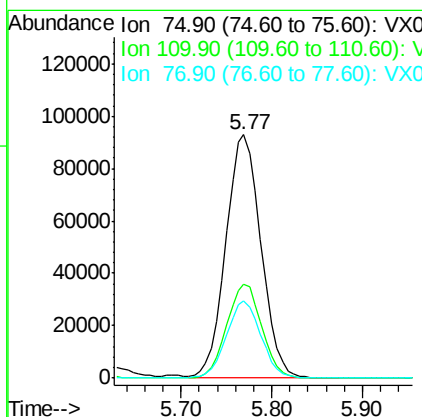
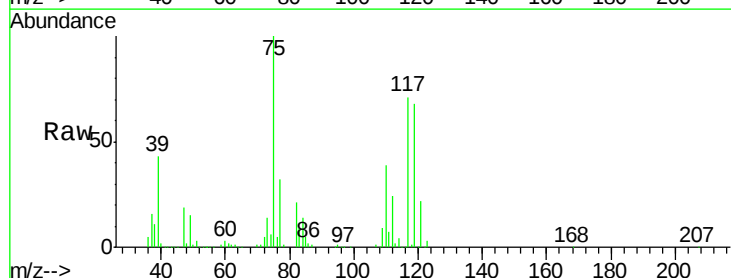
RT: 5.77 min Scan# 768

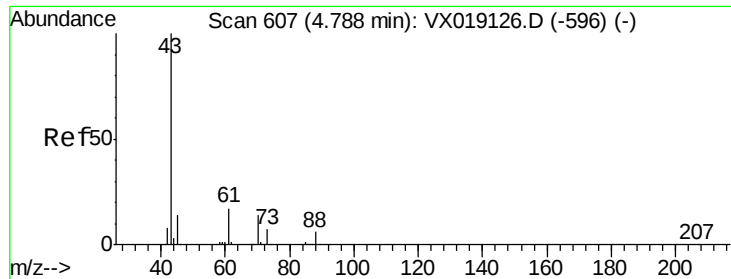
Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	249326		
110	38.7	19.3	57.9	
77	31.3	25.4	38.0	





#37

Ethyl Acetate

Concen: 103.937 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

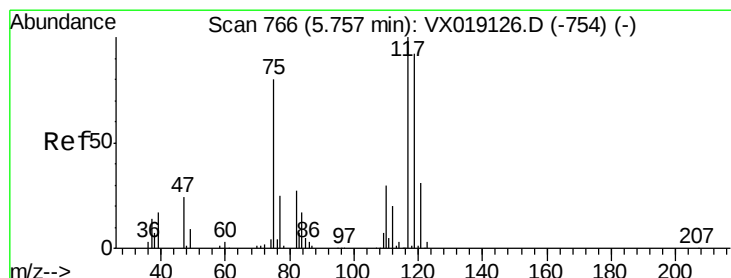
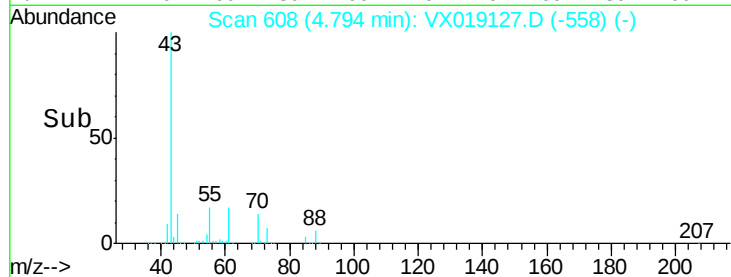
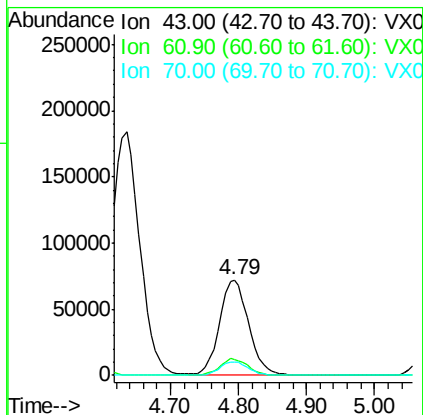
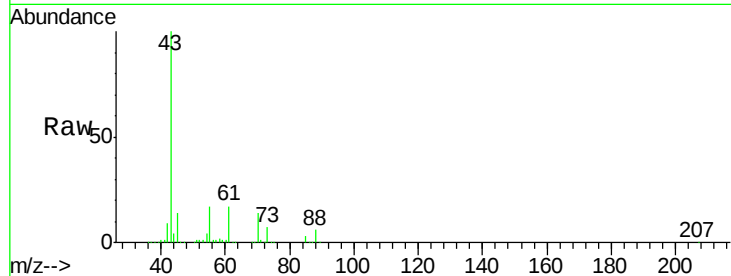
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	213917
Ion Ratio	Lower	Upper	
43	100		
61	17.0	13.6	20.4
70	14.0	11.0	16.6

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#38

Carbon Tetrachloride

Concen: 108.059 ug/l

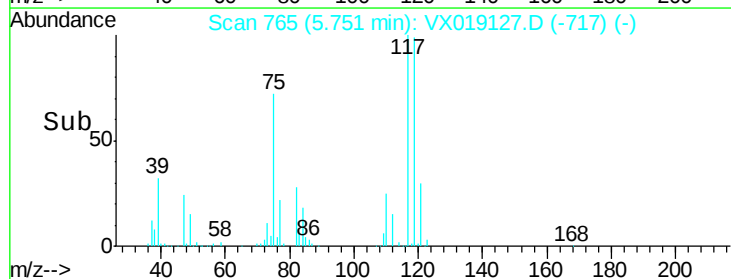
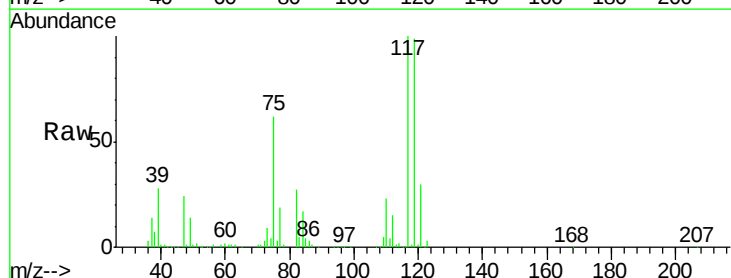
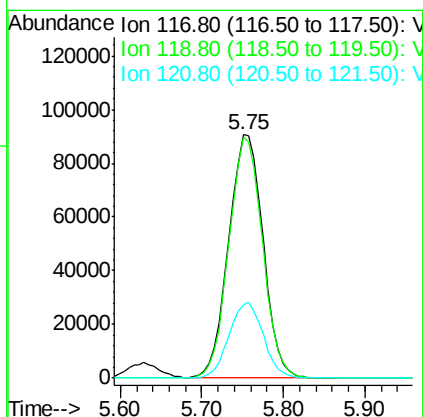
RT: 5.75 min Scan# 765

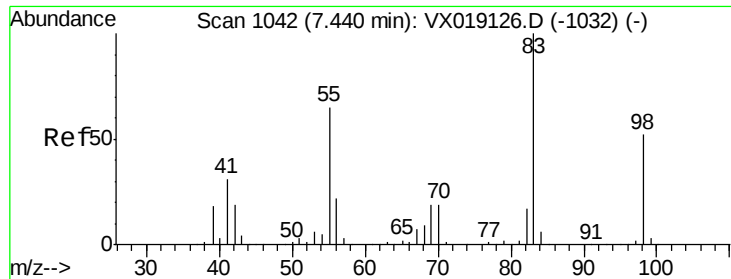
Delta R.T. -0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion:	117	Resp:	265097
Ion Ratio	Lower	Upper	
117	100		
119	98.9	73.5	110.3
121	30.1	24.3	36.5





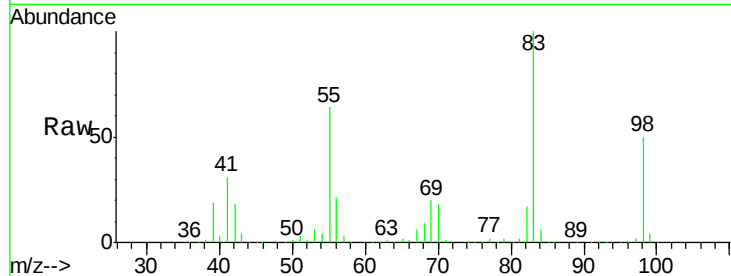
#39
Methvlcvclohexane
Concen: 106.557 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

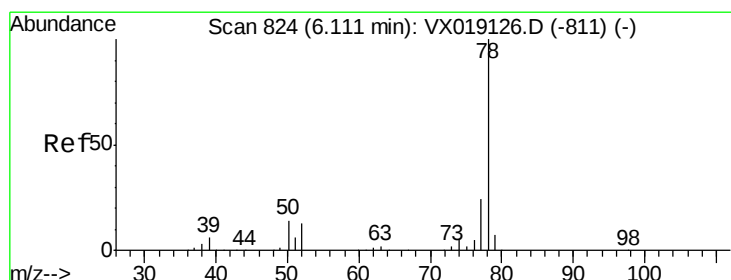
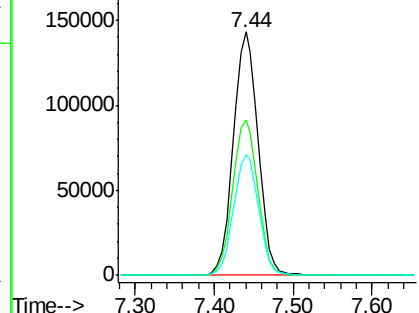
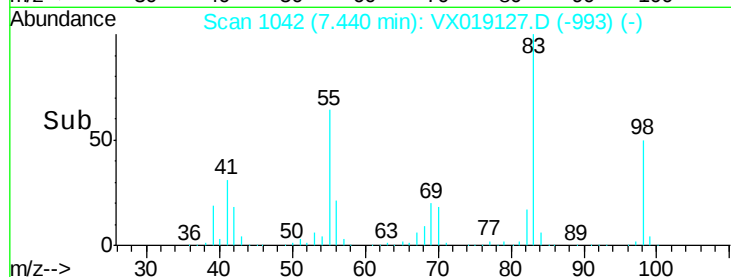
Tot Ion	Ratio	Resp	Lower	Upper
83	100	312294		
55	63.6		51.7	77.5
98	49.8		41.9	62.9

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM

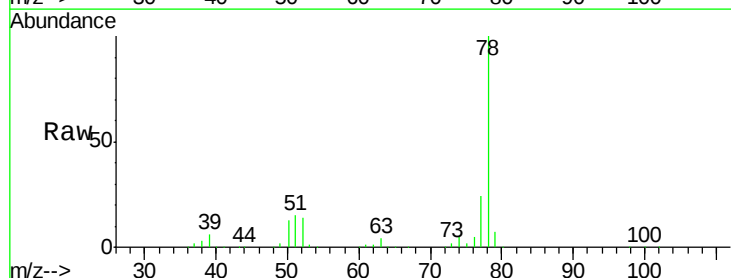


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

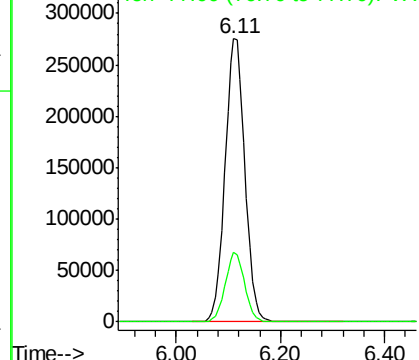
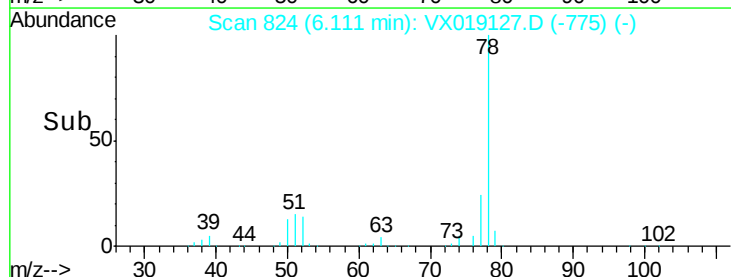


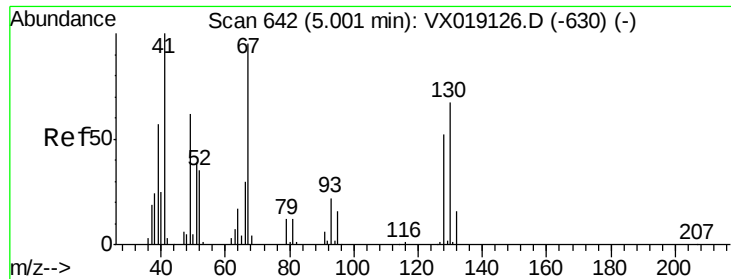
#40
Benzene
Concen: 104.884 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	736238		
77	24.5		19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 105.934 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

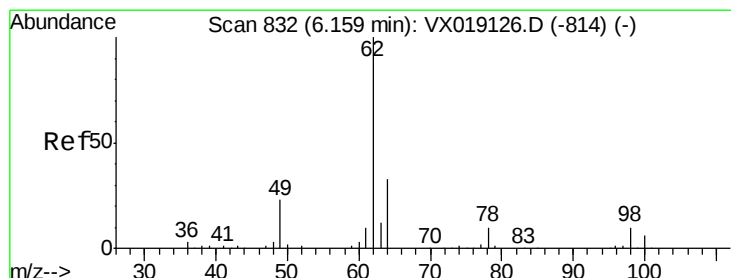
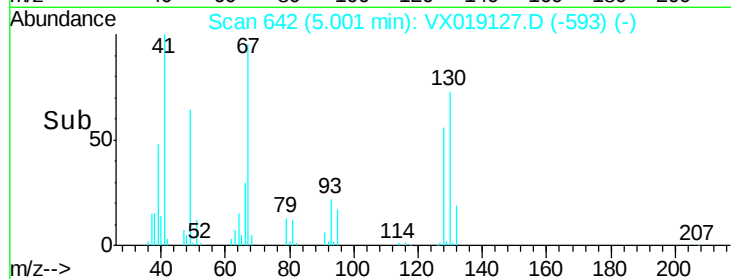
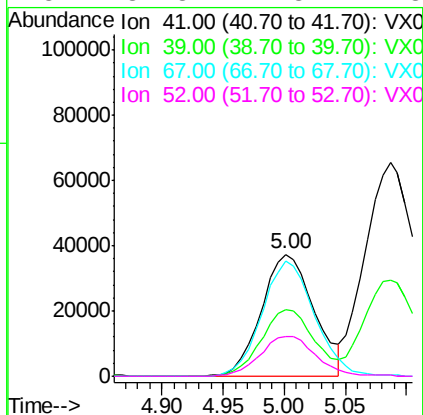
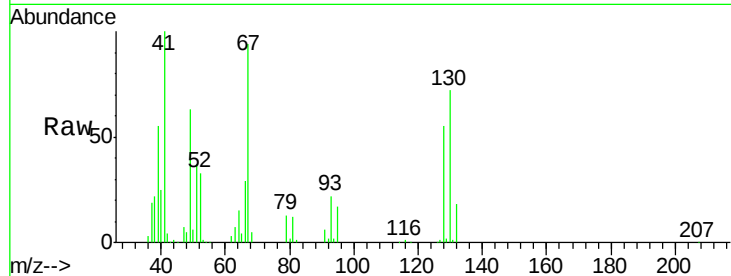
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	44.7	67.1	
67	94.6	75.3	112.9	
52	34.8	27.8	41.8	

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#42

1,2-Dichloroethane

Concen: 105.514 ug/l

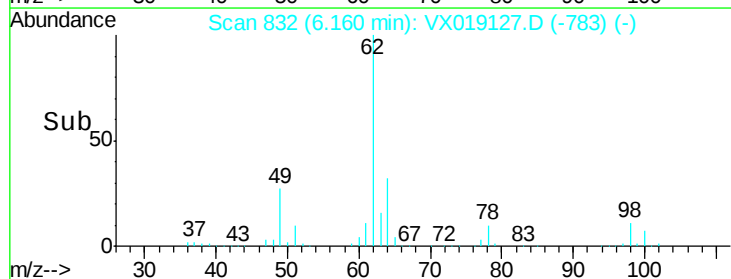
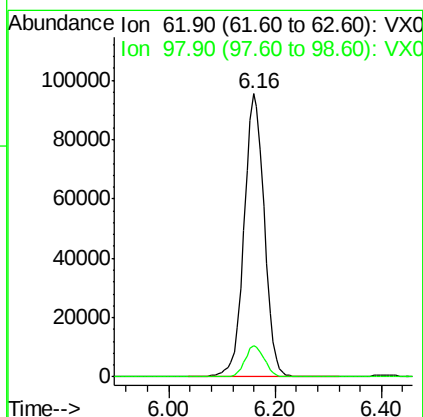
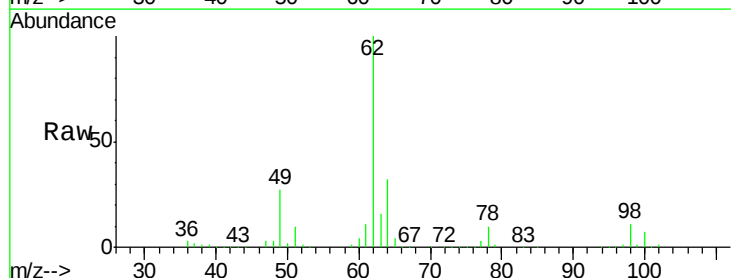
RT: 6.16 min Scan# 832

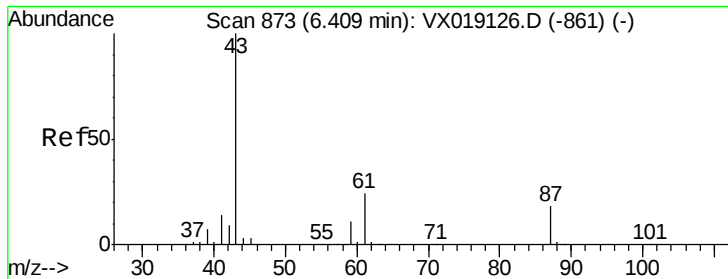
Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	21.0	





#43

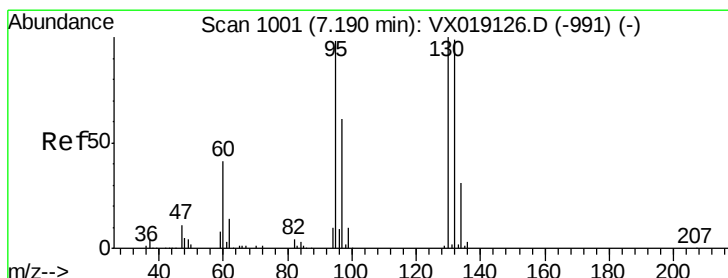
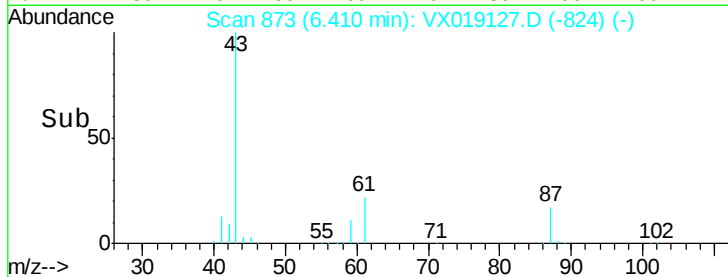
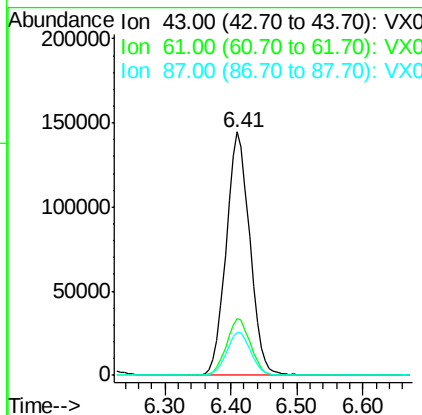
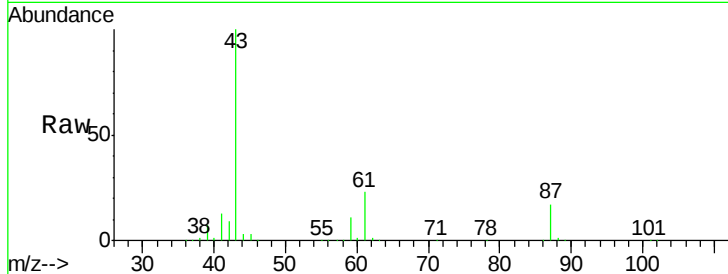
Isopropyl Acetate
 Concen: 105.769 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.8	19.0	28.4
87	18.1	14.3	21.5

Manual Integrations
 APPROVED

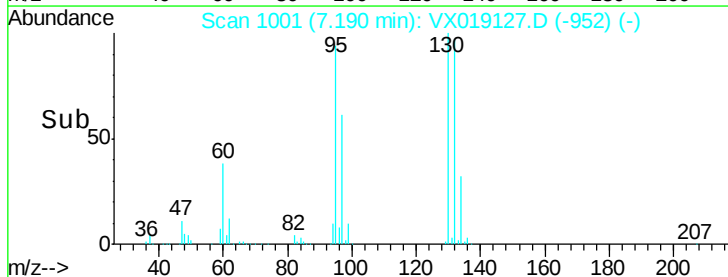
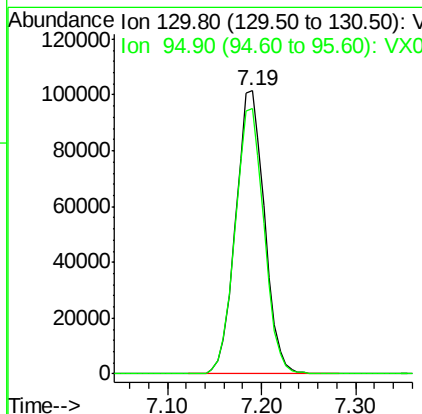
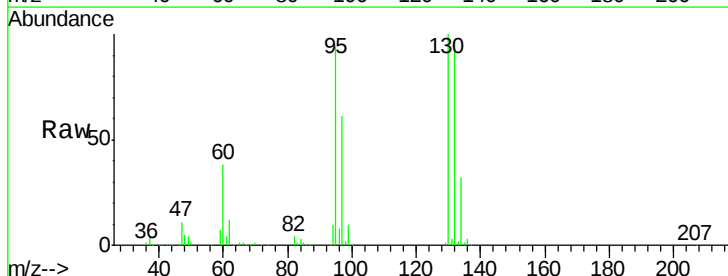
MMDadoda
 10/27/2020 6:55:33 PM

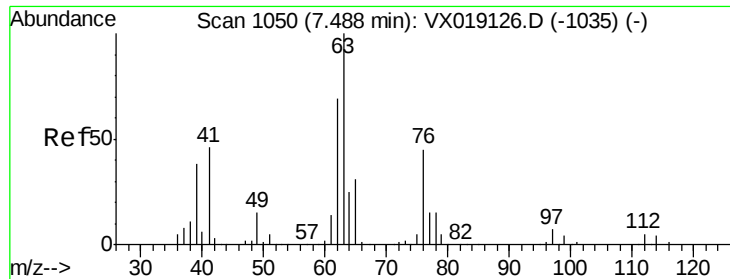


#44

Trichloroethene
 Concen: 107.032 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	195.6





#45

1,2-Dichloropropane

Concen: 106.900 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 175202

Ion Ratio Lower Upper

63 100

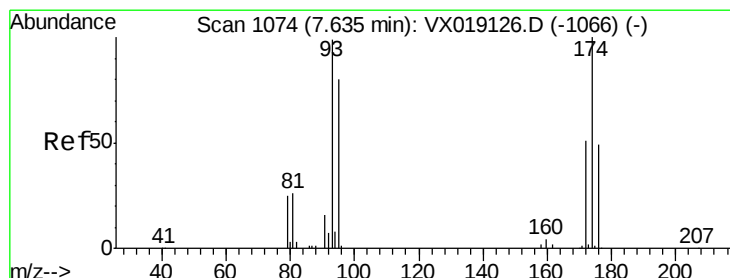
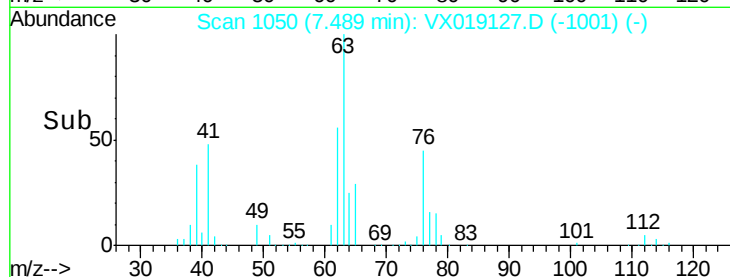
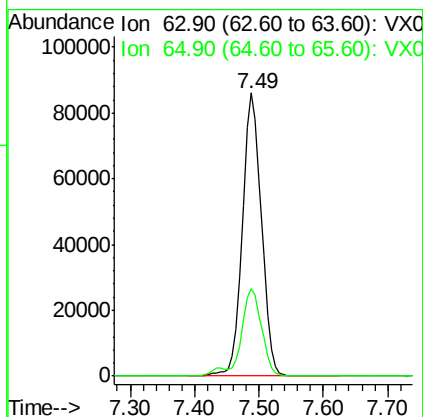
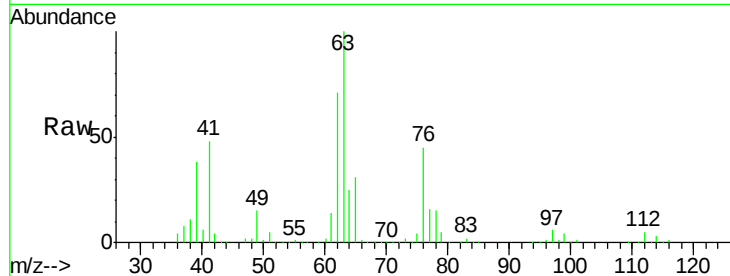
65 30.9 25.0 37.4

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



#46

Dibromomethane

Concen: 107.841 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

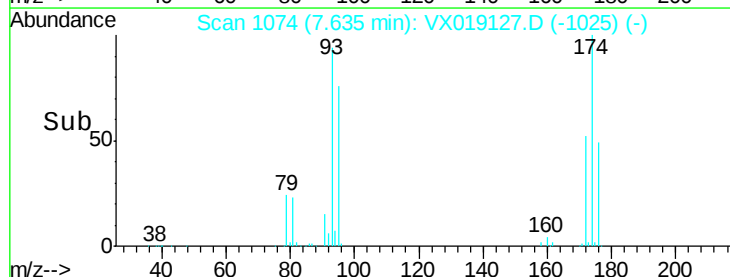
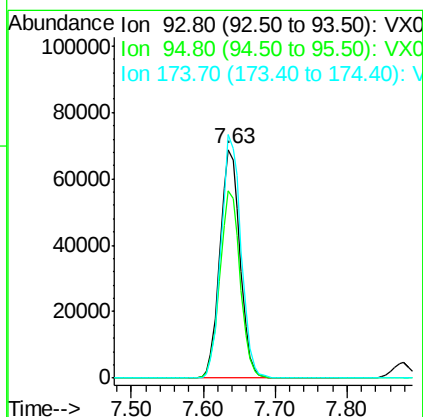
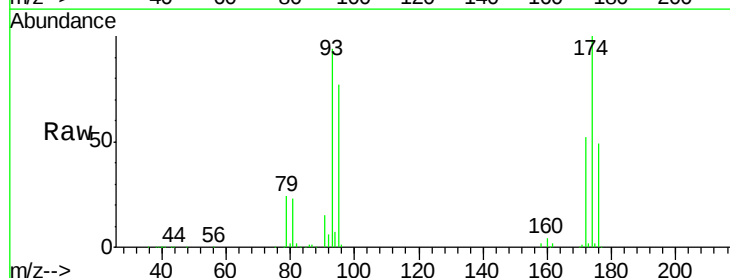
Tgt Ion: 93 Resp: 134048

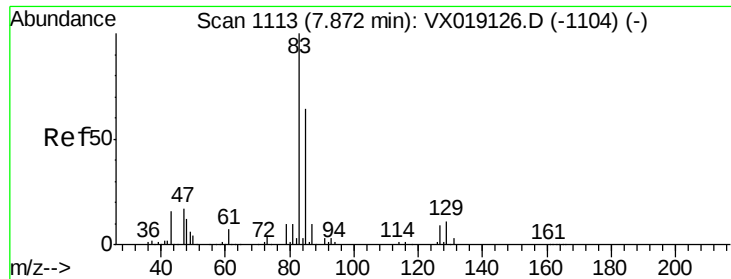
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 105.4 84.5 126.7





#47

Bromodichloromethane

Concen: 110.142 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

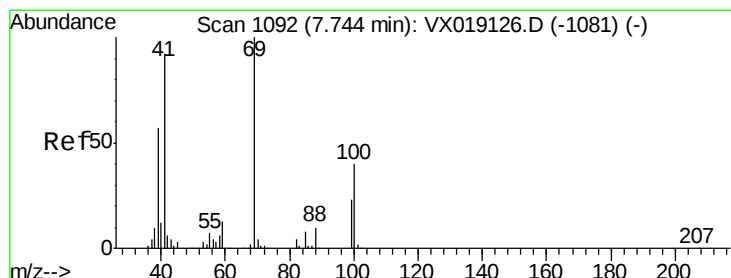
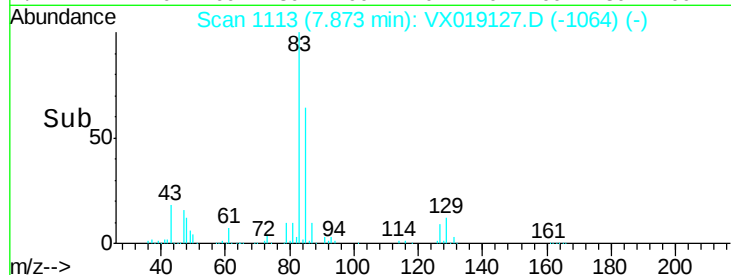
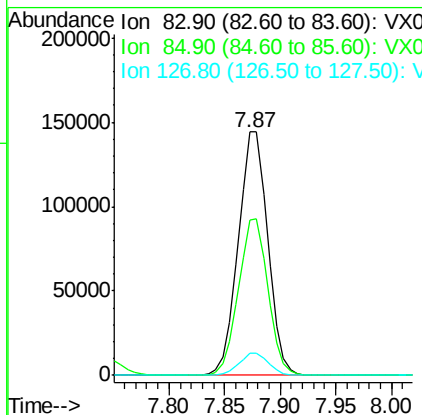
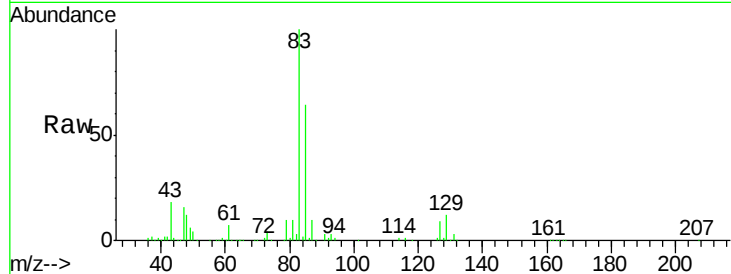
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	266071
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	8.9	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#48

Methyl methacrylate

Concen: 106.596 ug/l

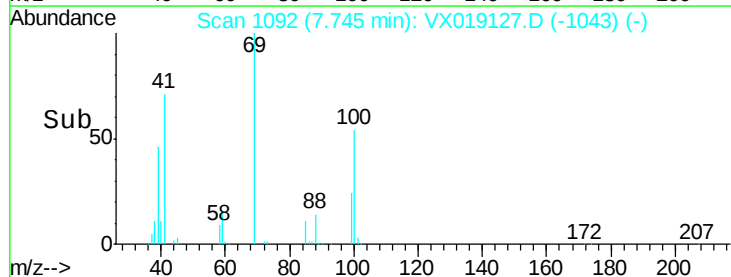
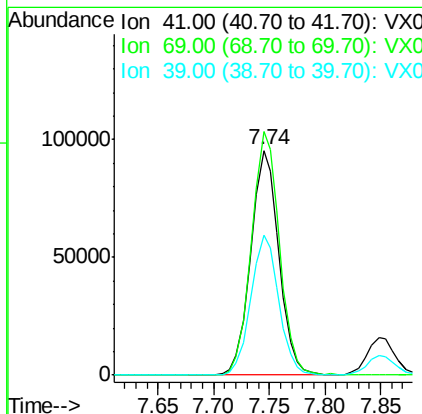
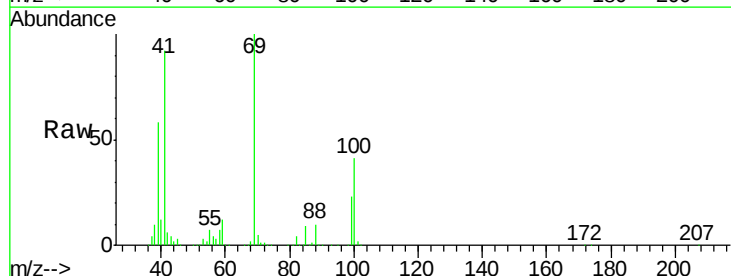
RT: 7.74 min Scan# 1092

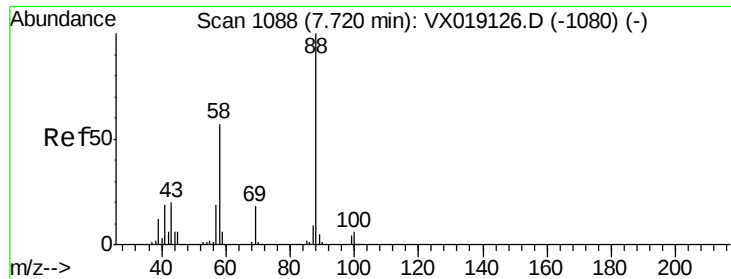
Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion:	41	Resp:	167942
Ion	Ratio	Lower	Upper
41	100		
69	108.1	86.3	129.5
39	61.7	49.7	74.5





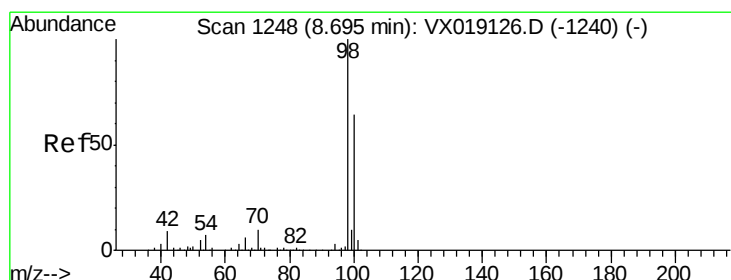
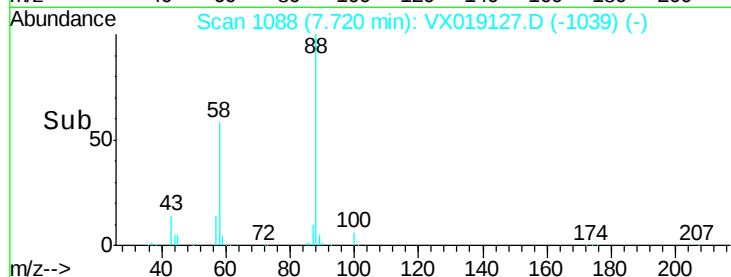
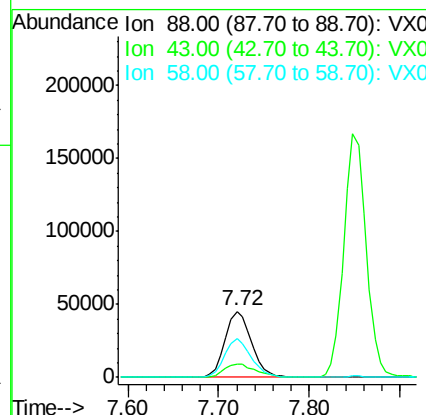
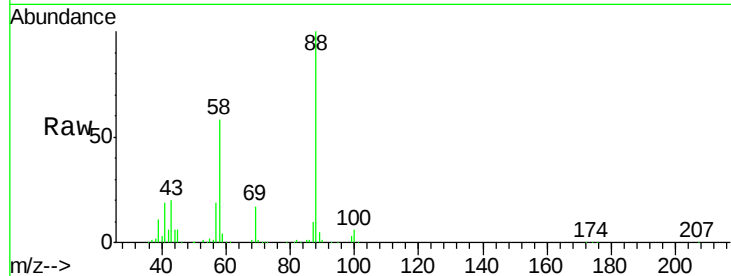
#49
1,4-Dioxane
Concen: 2178.482 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.0	19.7	29.5
58	59.0	47.8	71.6

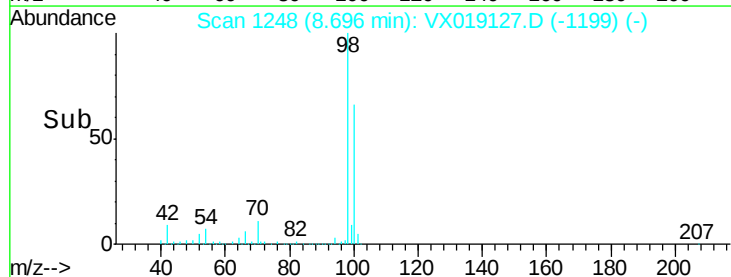
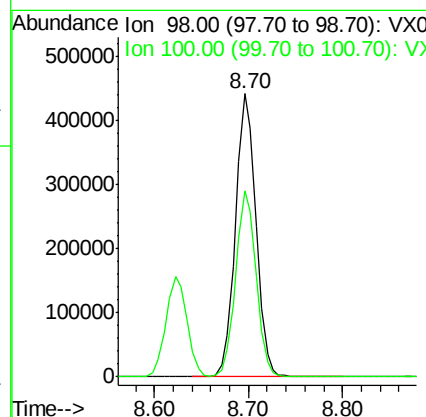
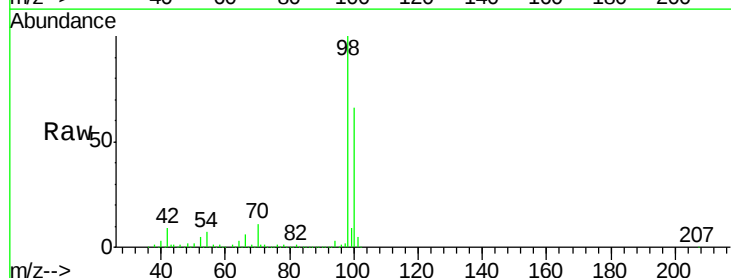
Manual Integrations
APPROVED

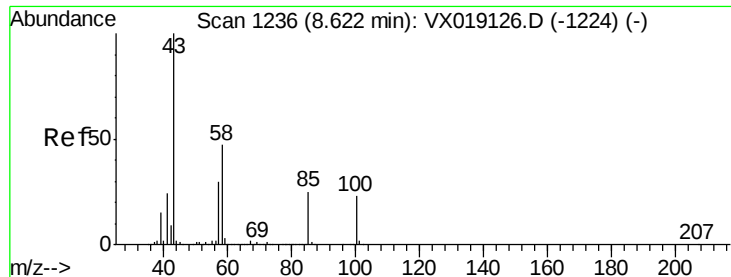
MMDadoda
10/27/2020 6:55:33 PM



#50
Toluene-d8
Concen: 101.917 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





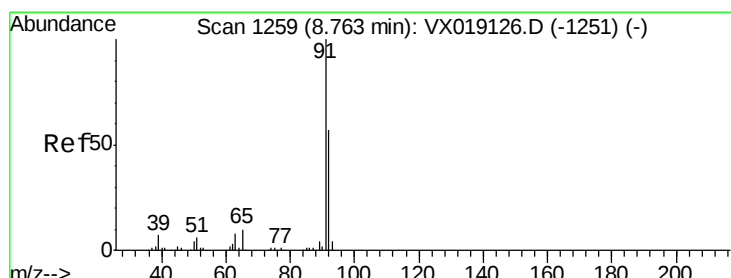
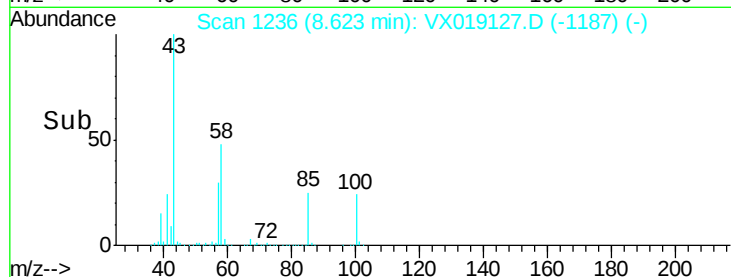
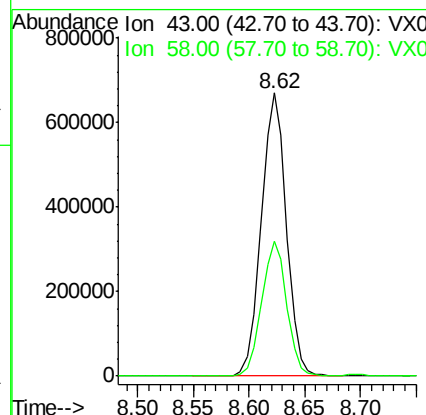
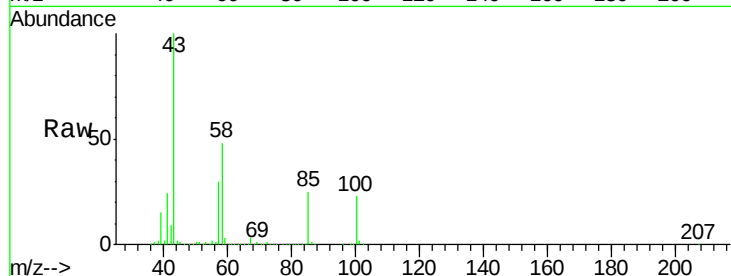
#51
 4-Methyl-2-Pentanone
 Concen: 535.349 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 1053626
 Ion Ratio Lower Upper
 43 100
 58 47.5 37.3 55.9

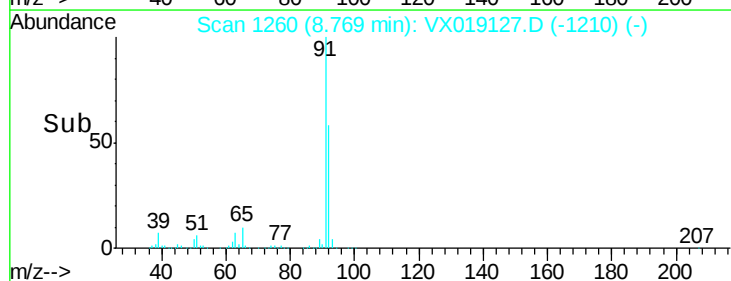
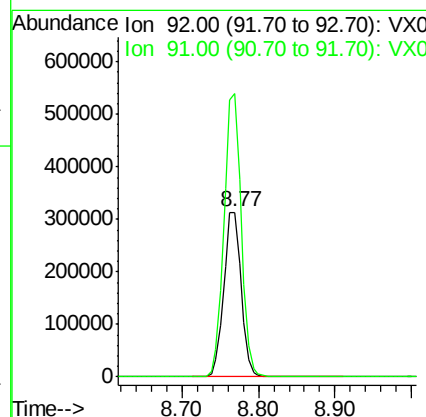
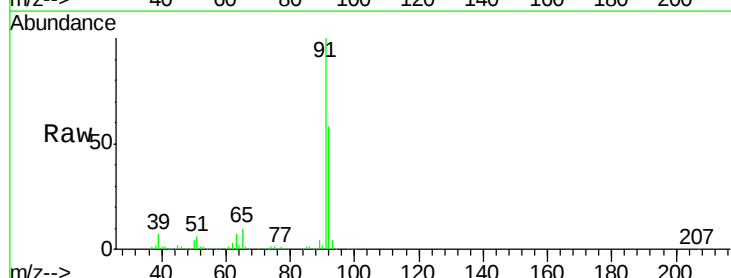
Manual Integrations
 APPROVED

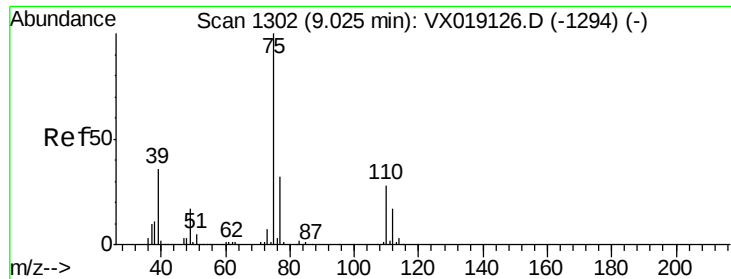
MMDadoda
 10/27/2020 6:55:33 PM



#52
 Toluene
 Concen: 107.805 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion: 92 Resp: 490980
 Ion Ratio Lower Upper
 92 100
 91 171.4 138.4 207.6





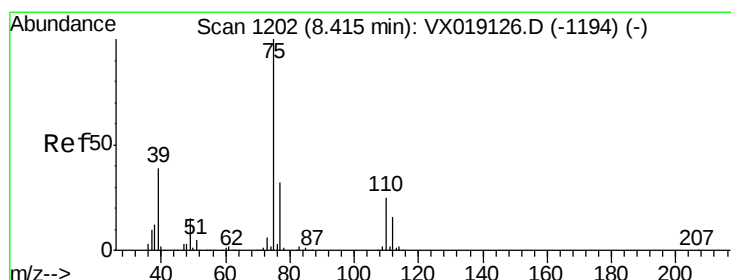
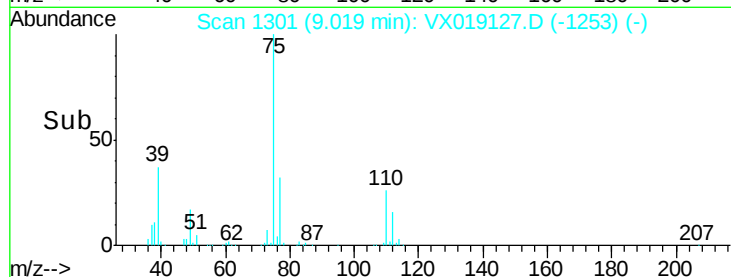
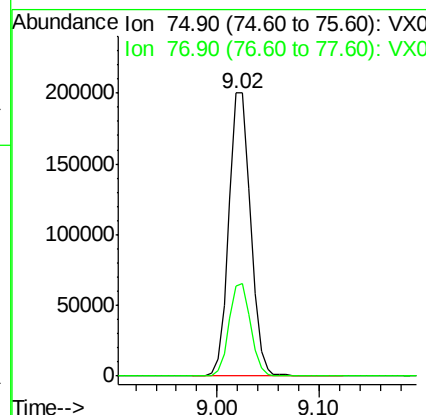
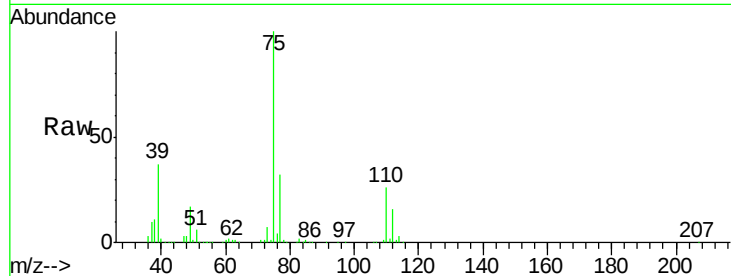
#53
t-1,3-Dichloropropene
Concen: 110.835 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 75 Resp: 295768
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

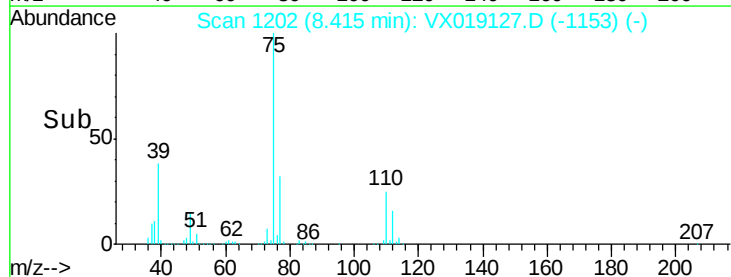
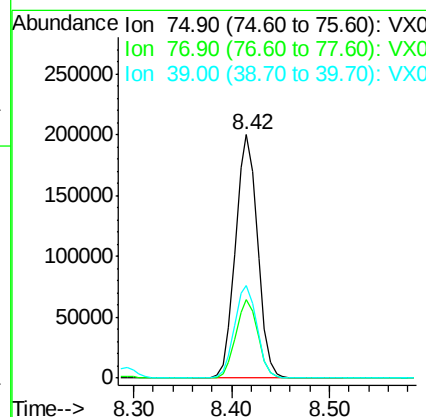
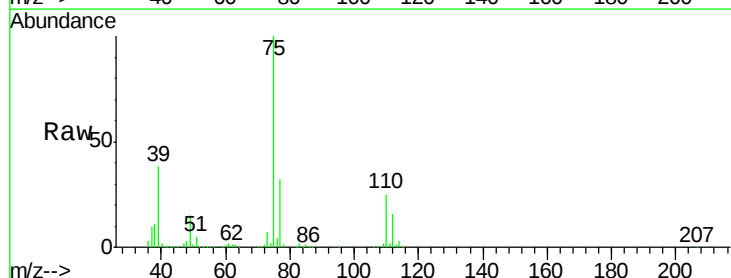
Manual Integrations
APPROVED

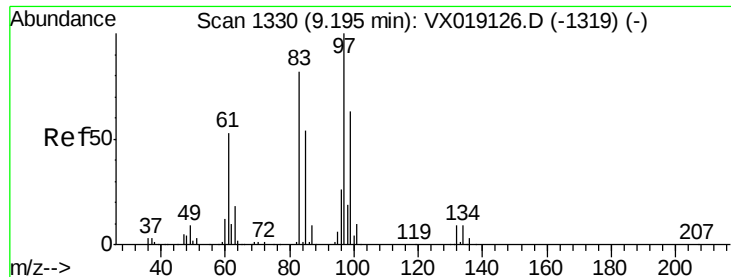
MMDadoda
10/27/2020 6:55:33 PM



#54
cis-1,3-Dichloropropene
Concen: 110.379 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 75 Resp: 314348
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
39 37.7 31.0 46.6





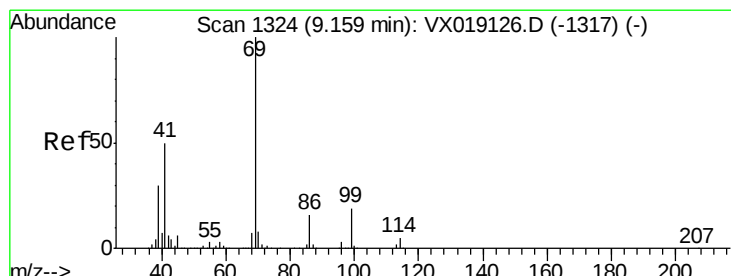
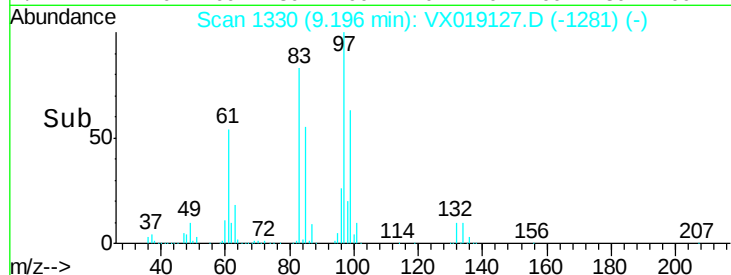
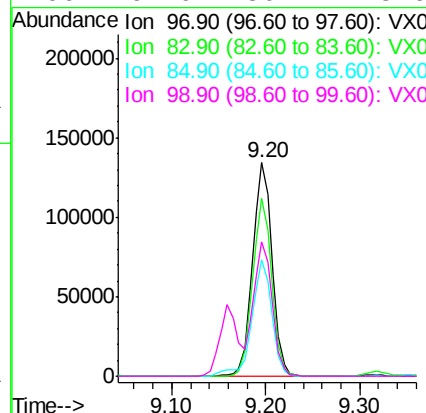
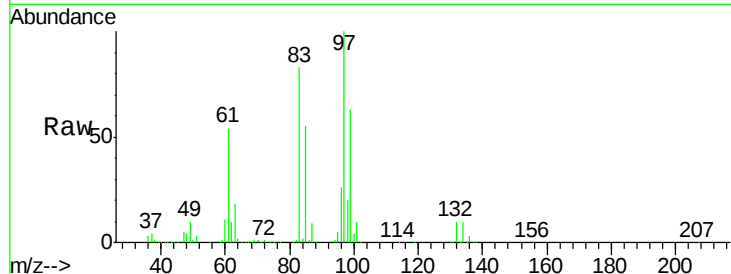
#55
 1,1,2-Trichloroethane
 Concen: 107.558 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		194965		
83	83.2	65.6	98.4		
85	54.7	43.4	65.2		
99	62.9	50.4	75.6		

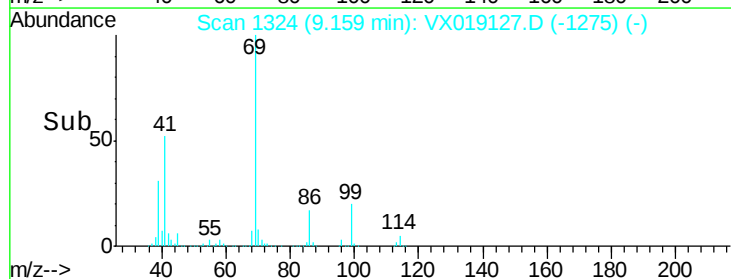
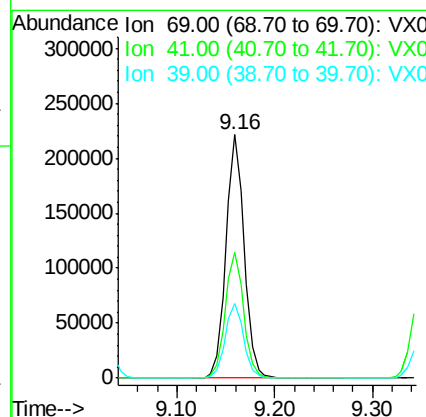
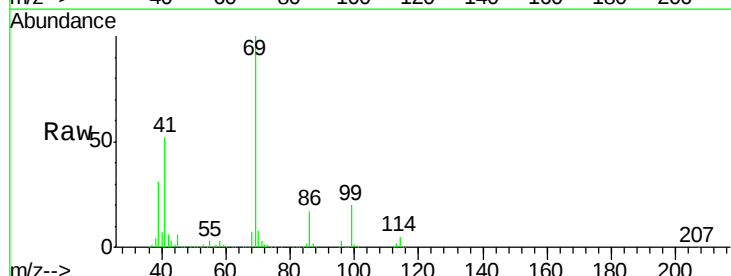
Manual Integrations
 APPROVED

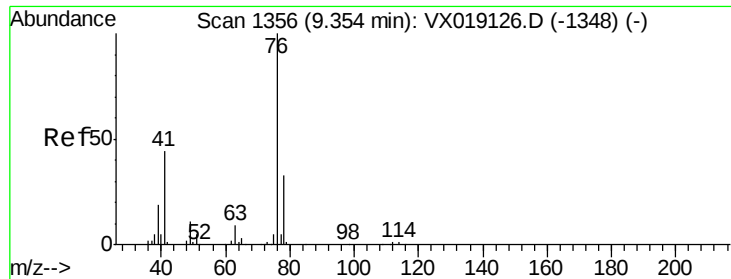
MMDadoda
 10/27/2020 6:55:33 PM



#56
 Ethyl methacrylate
 Concen: 110.117 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		285037		
41	52.2	40.3	60.5		
39	31.2	24.6	37.0		





#57

1,3-Dichloropropane

Concen: 106.086 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 313195

Ion Ratio Lower Upper

76 100

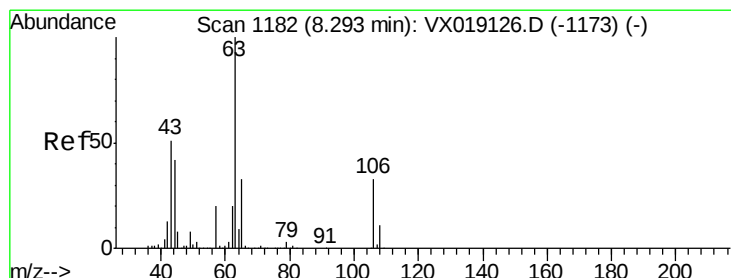
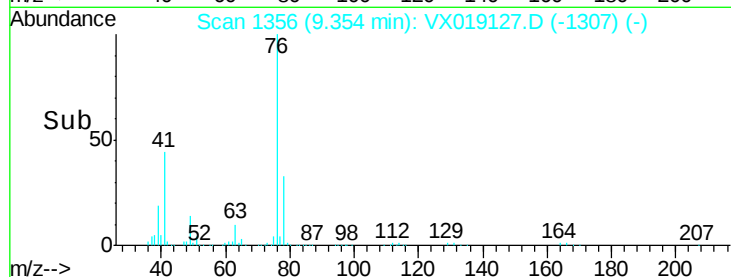
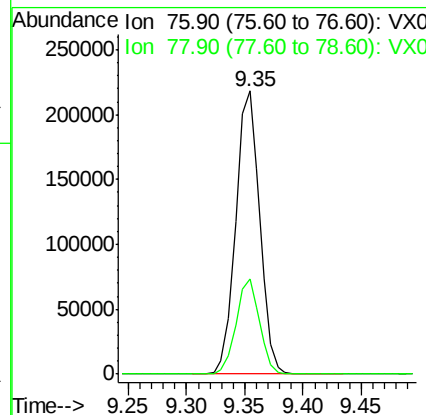
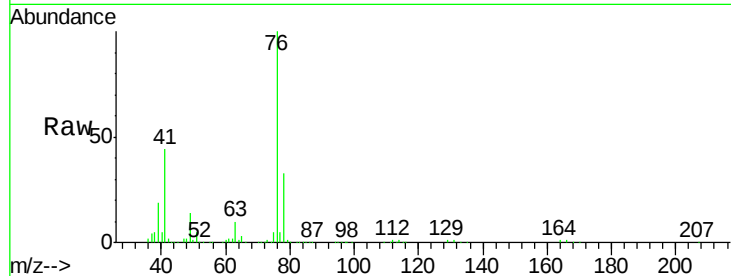
78 32.8 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



#58

2-Chloroethyl Vinyl ether

Concen: 528.758 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019127.D

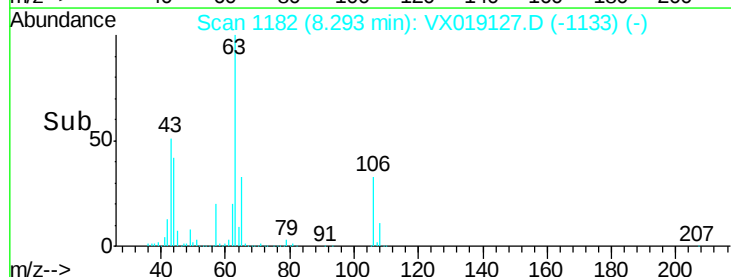
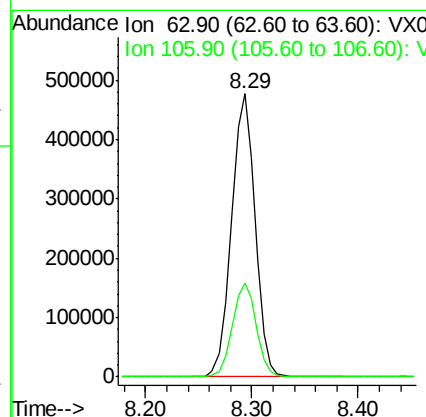
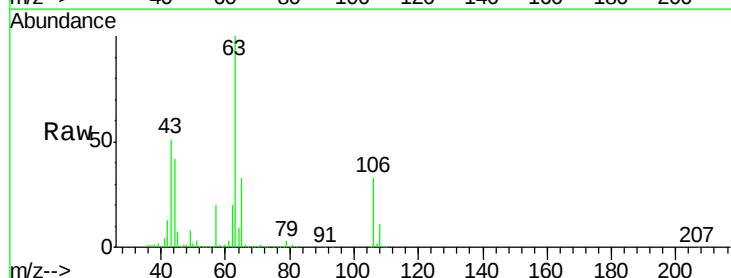
Acq: 26 Oct 2020 18:54

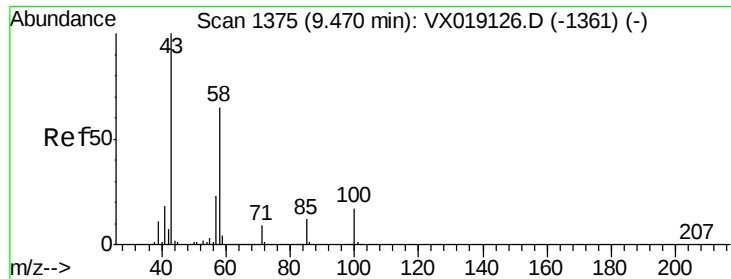
Tgt Ion: 63 Resp: 739786

Ion Ratio Lower Upper

63 100

106 33.5 26.2 39.4





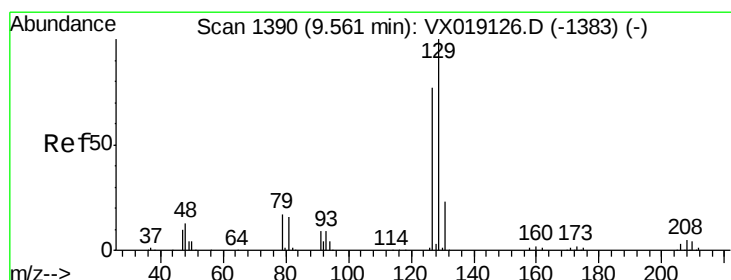
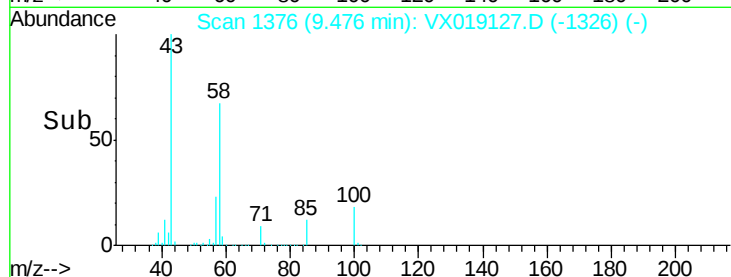
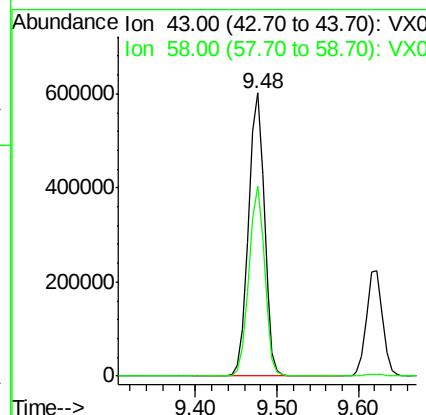
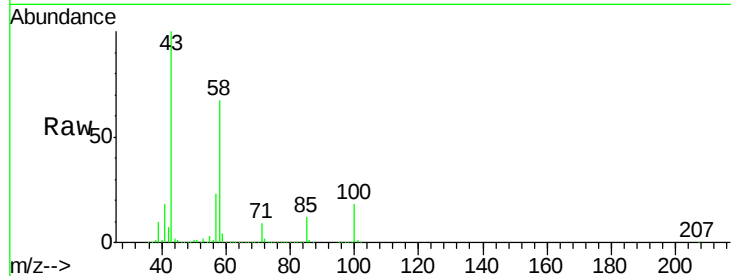
#59
2-Hexanone
Concen: 543.717 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	66.0	33.1	99.3

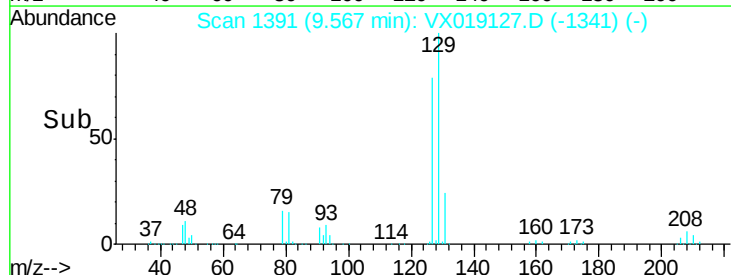
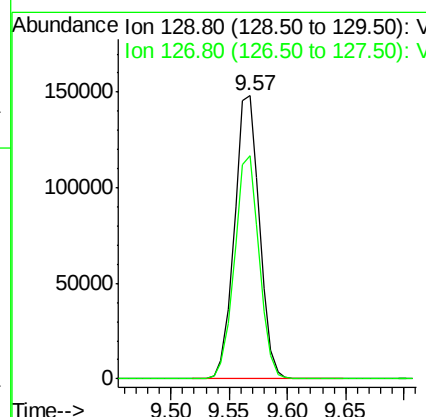
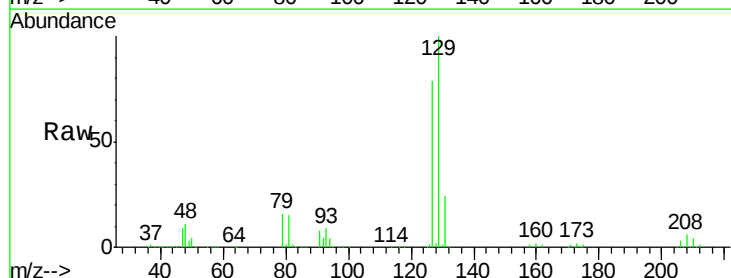
Manual Integrations
APPROVED

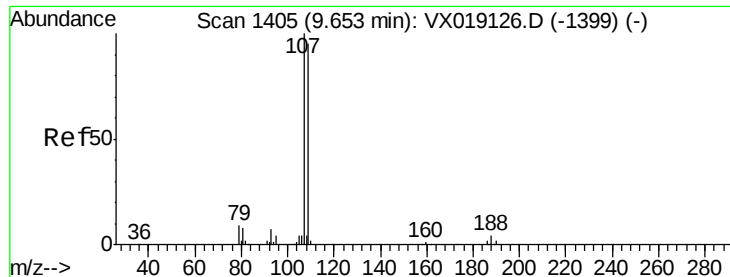
MMDadoda
10/27/2020 6:55:33 PM



#60
Dibromochloromethane
Concen: 100.053 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.5	115.5





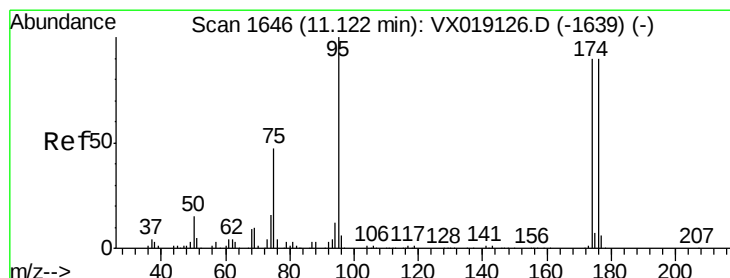
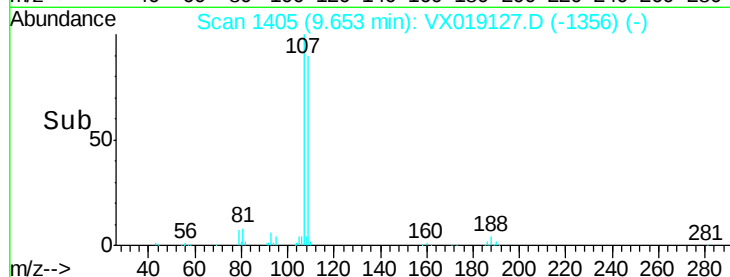
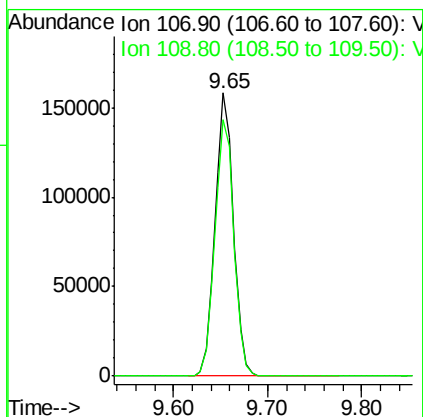
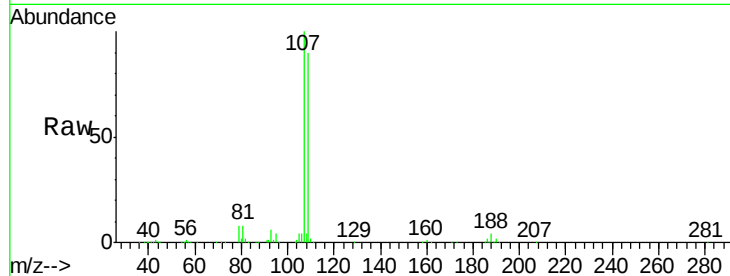
#61
 1,2-Dibromoethane
 Concen: 110.747 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.7	113.5

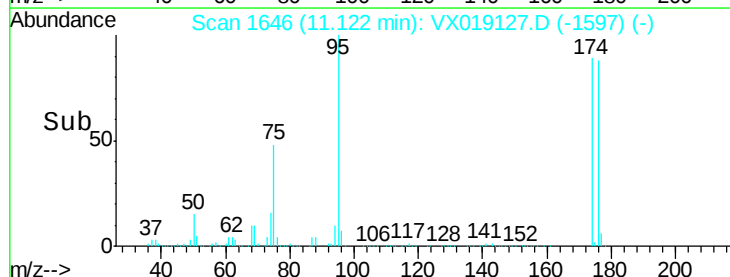
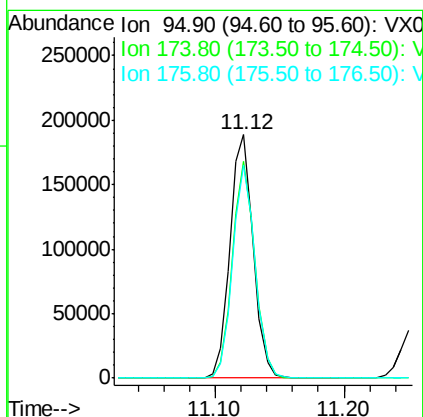
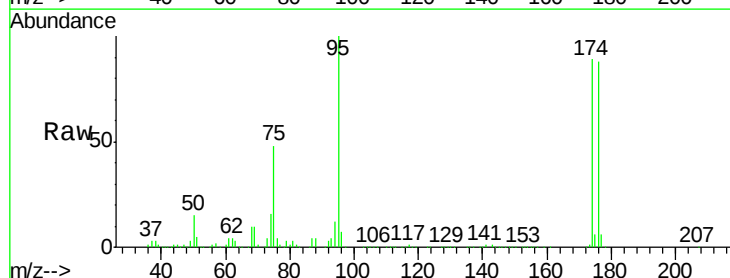
Manual Integrations
 APPROVED

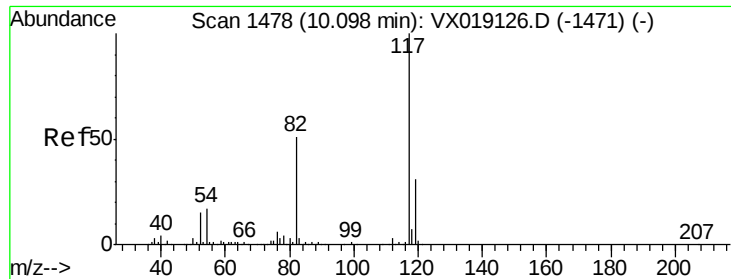
MMDadoda
 10/27/2020 6:55:33 PM



#62
 4-Bromofluorobenzene
 Concen: 103.458 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	169.6
176	84.5	0.0	169.2





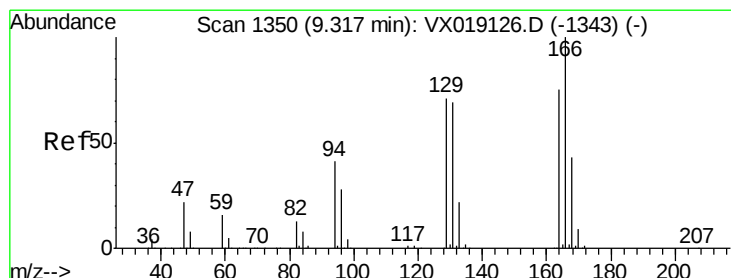
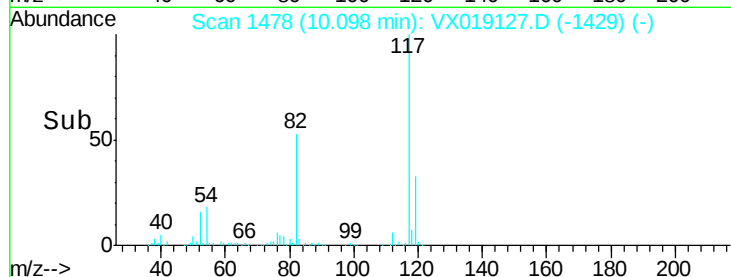
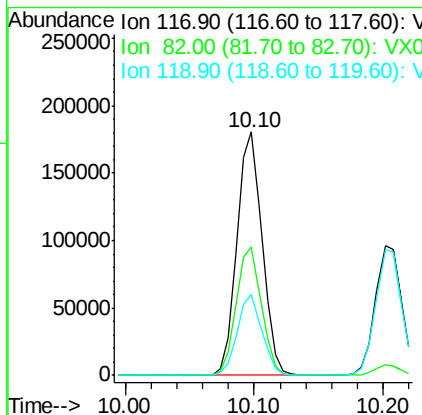
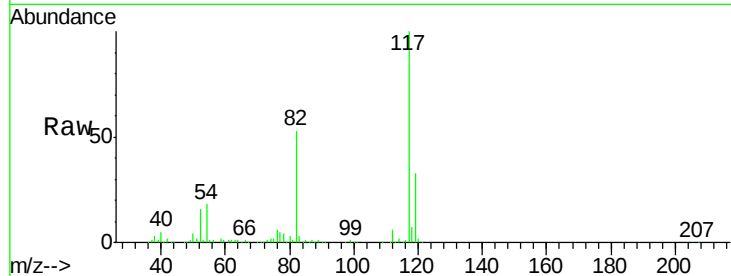
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.6	60.8
119	33.3	24.7	37.1

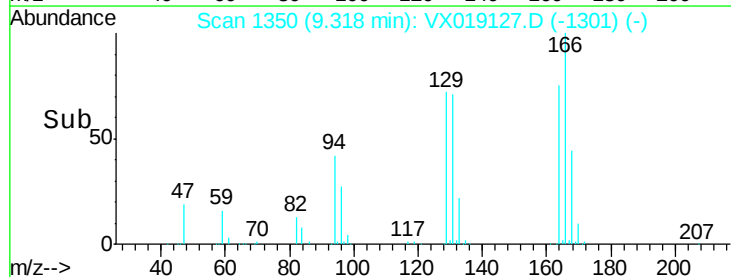
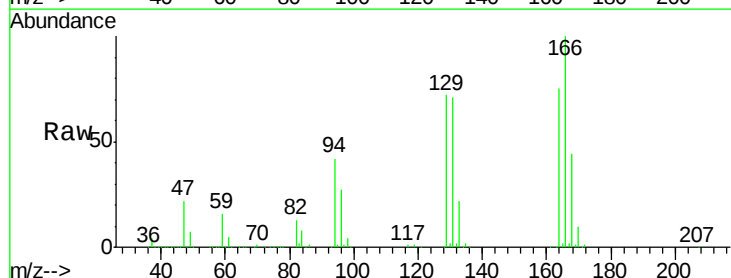
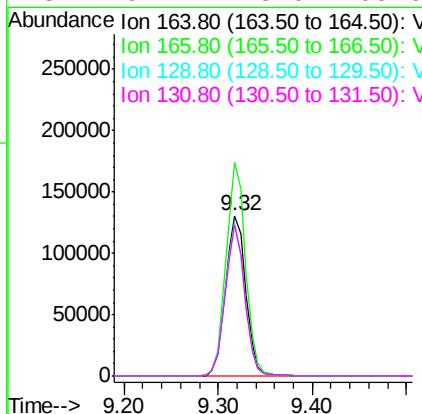
Manual Integrations
APPROVED

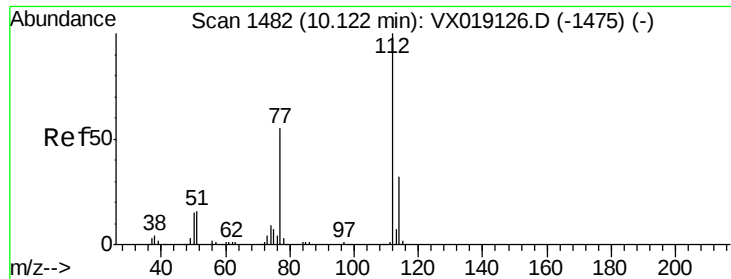
MMDadoda
10/27/2020 6:55:33 PM



#64
Tetrachloroethene
Concen: 103.396 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	106.4	159.6
129	95.8	75.9	113.9
131	94.7	73.0	109.6





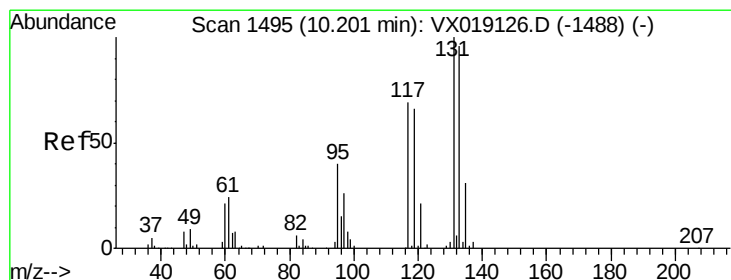
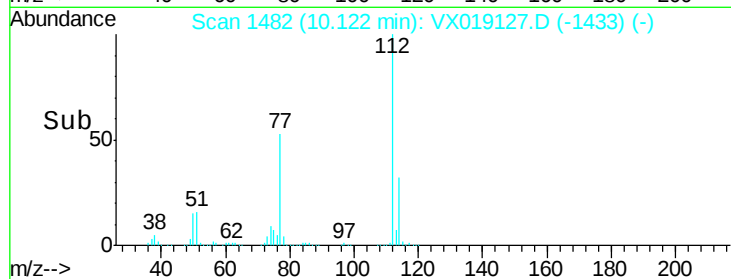
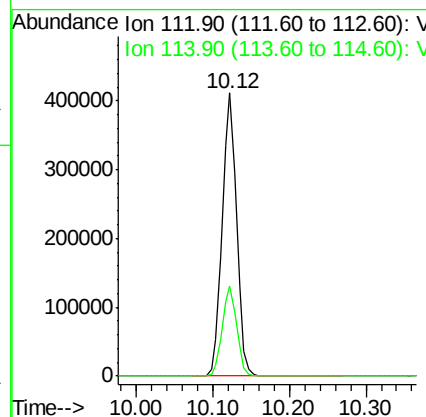
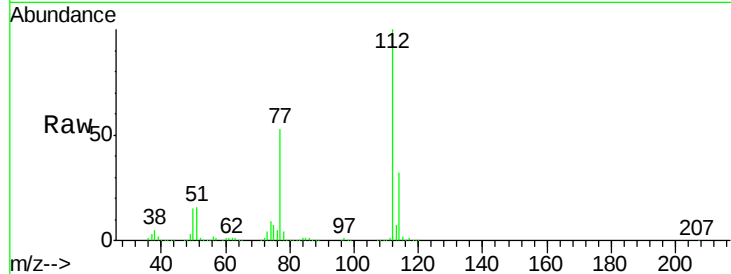
#65
Chlorobenzene
Concen: 109.187 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 535474
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

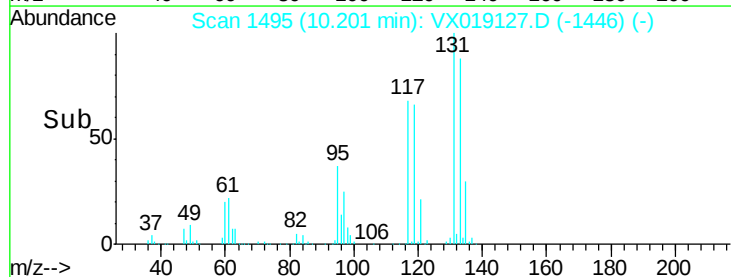
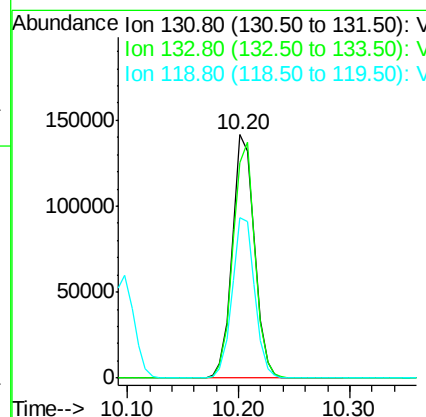
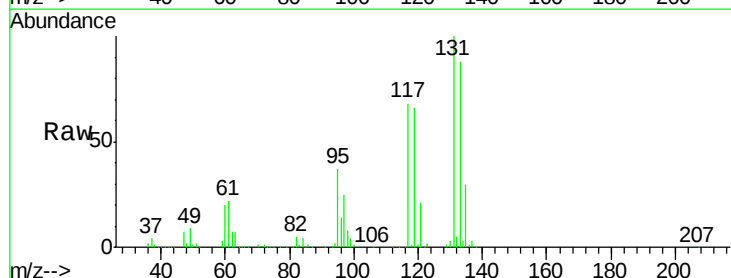
Manual Integrations
APPROVED

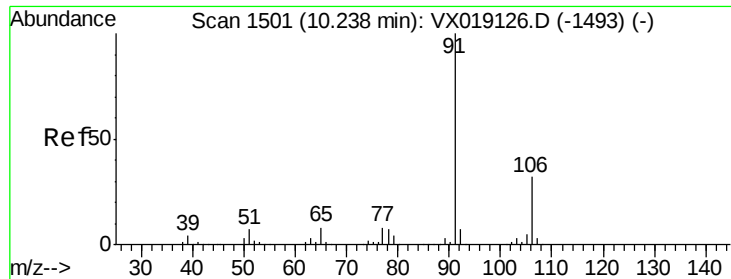
MMDadoda
10/27/2020 6:55:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 111.373 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion:131 Resp: 195108
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 66.6 33.4 100.1





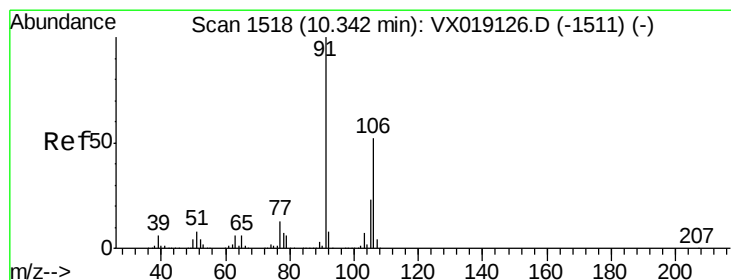
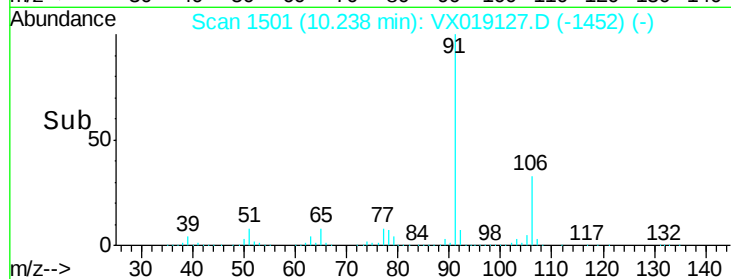
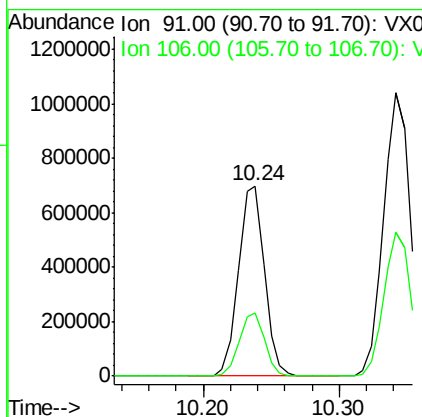
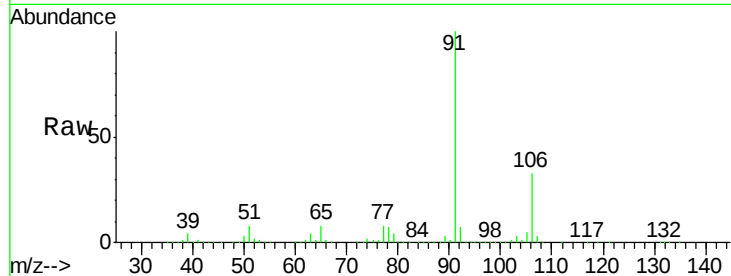
#67
Ethyl Benzene
Concen: 108.503 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC100

Tot Ion: 91 Resp: 929245
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.2

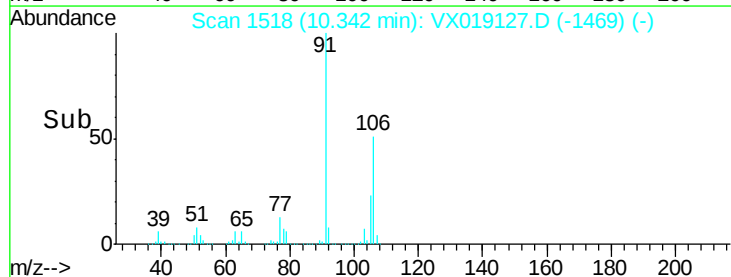
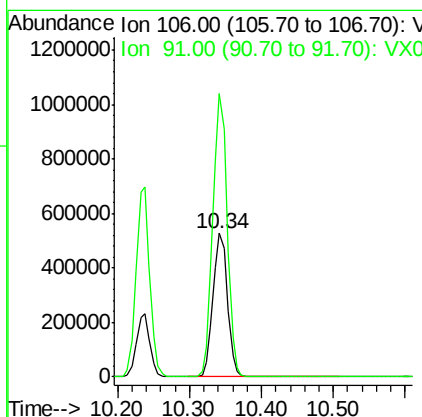
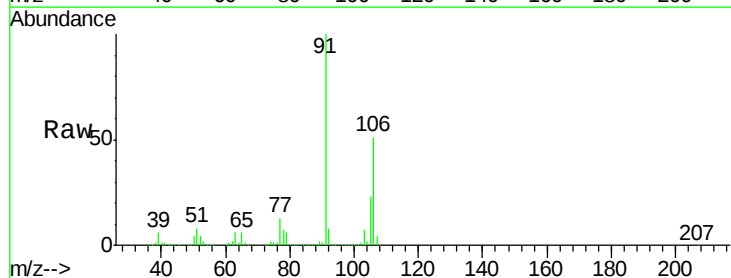
Manual Integrations
APPROVED

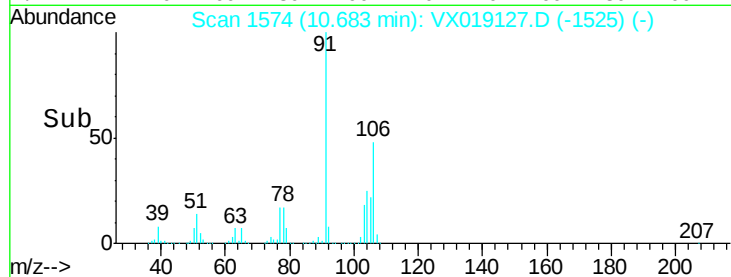
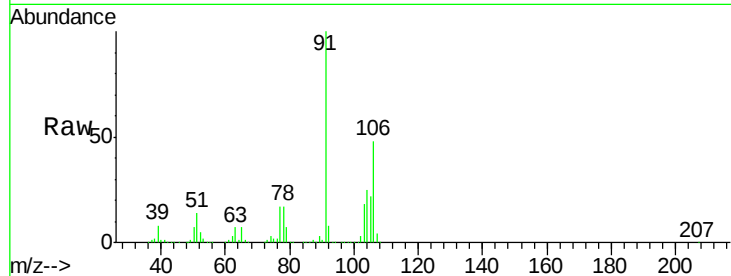
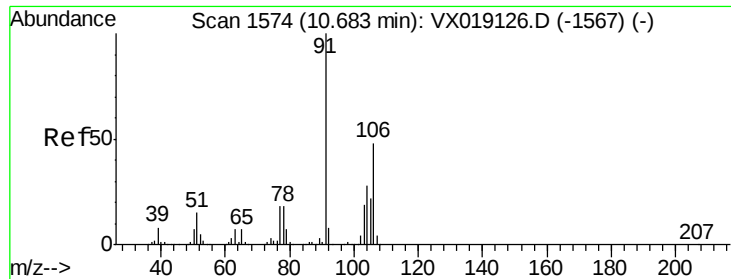
MMDadoda
10/27/2020 6:55:33 PM



#68
m/p-Xylenes
Concen: 220.311 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion: 106 Resp: 728569
Ion Ratio Lower Upper
106 100
91 196.3 157.4 236.0





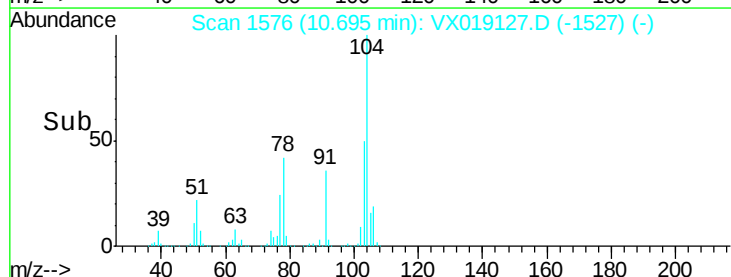
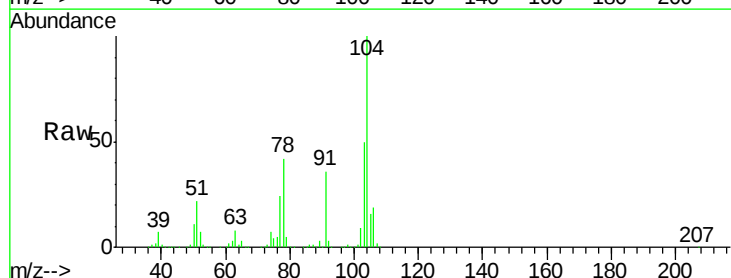
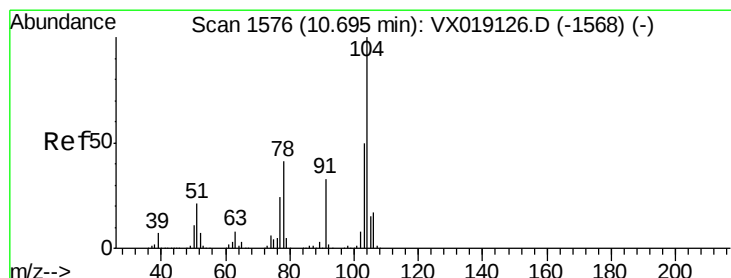
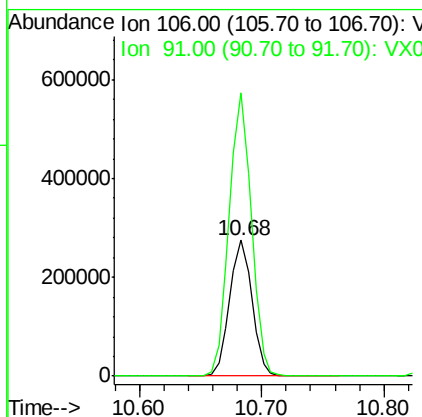
#69
o-Xylene
Concen: 110.140 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		349047		
91	205.9	104.5	313.3		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

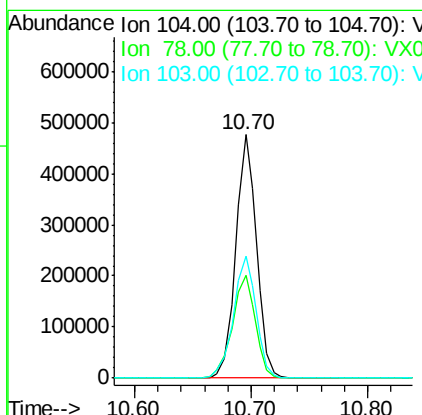
Manual Integrations
APPROVED

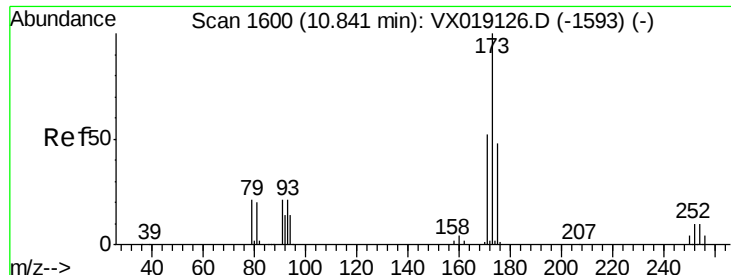
MMDadoda
10/27/2020 6:55:33 PM



#70
Styrene
Concen: 112.252 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		592982		
78	46.9	37.8	56.6		
103	54.7	43.7	65.5		





#71

Bromoform

Concen: 100.271 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 166024

Ion Ratio Lower Upper

173 100

175 50.4 24.1 72.3

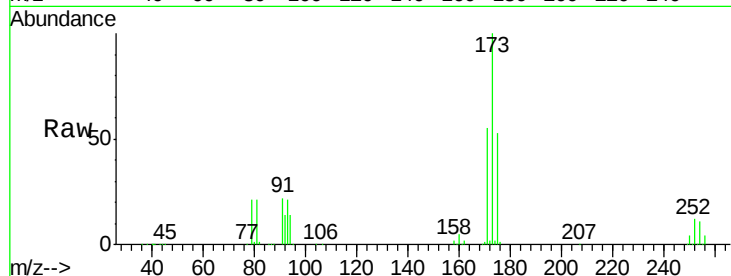
254 0.1 0.1 0.1#

Manual Integrations

APPROVED

MMDadoda

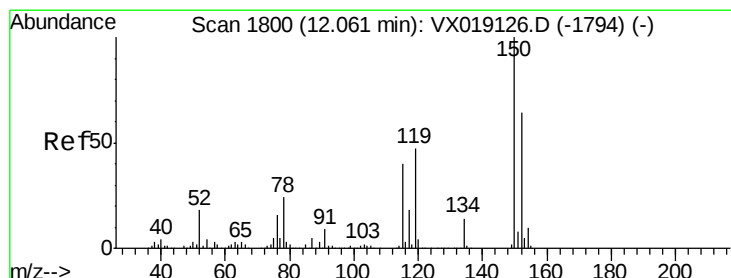
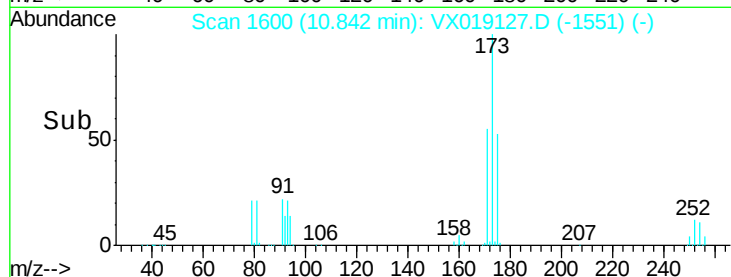
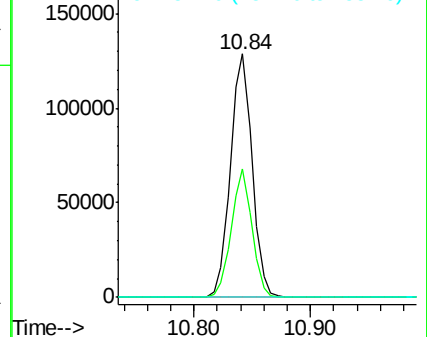
10/27/2020 6:55:33 PM



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: VX019127.D

Acq: 26 Oct 2020 18:54

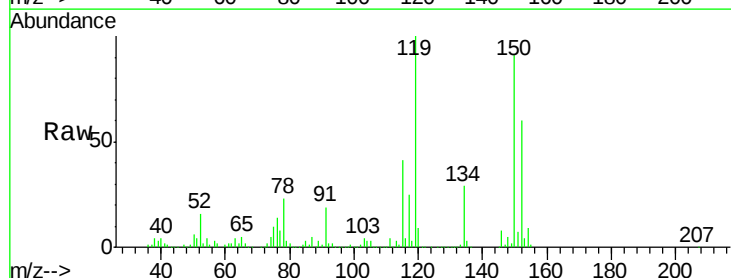
Tgt Ion:152 Resp: 136884

Ion Ratio Lower Upper

152 100

115 105.4 40.8 122.2

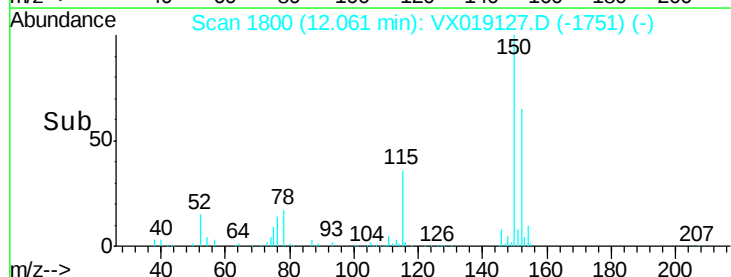
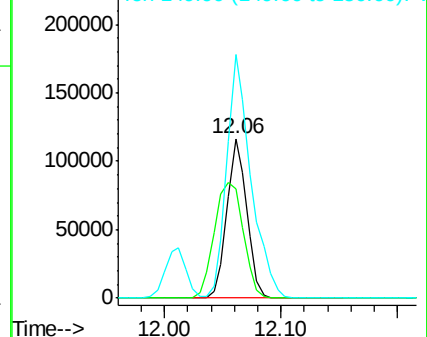
150 186.4 0.0 350.4

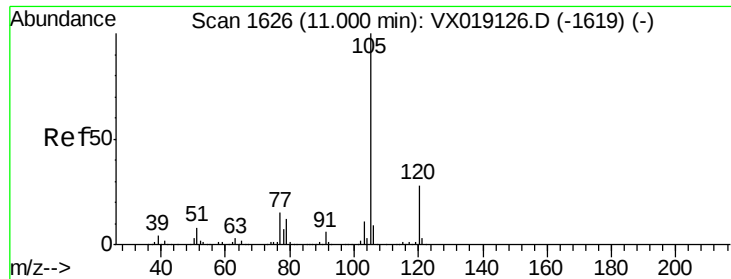


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





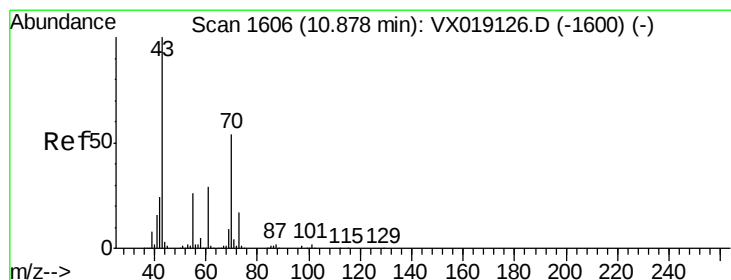
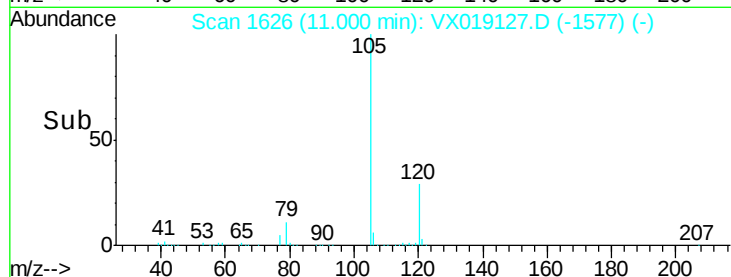
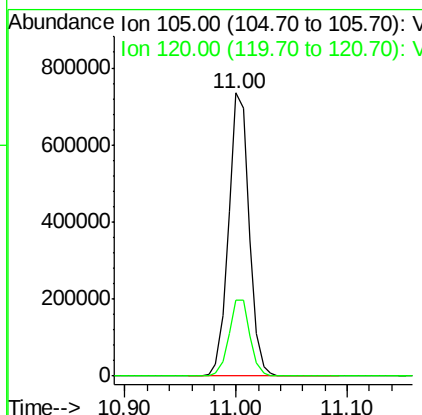
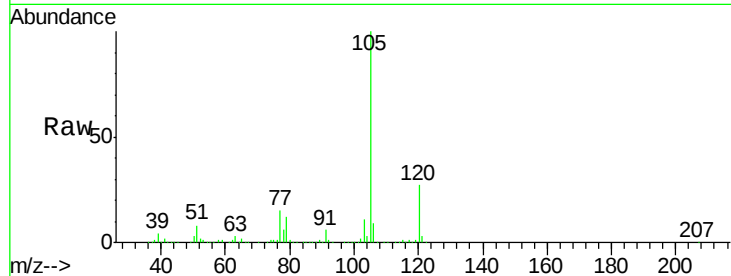
#73
Isopropylbenzene
Concen: 101.795 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.6	40.8

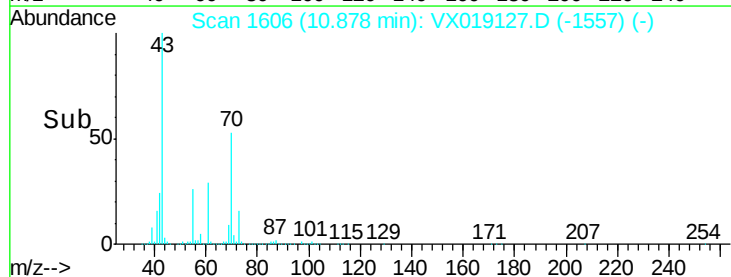
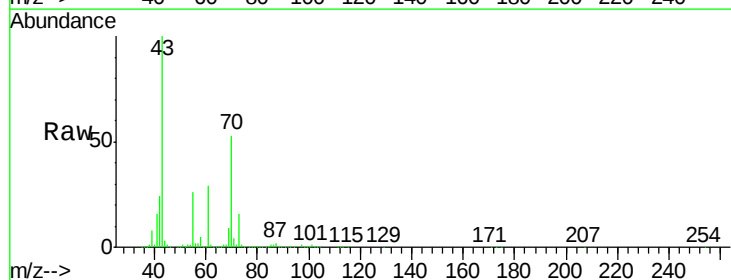
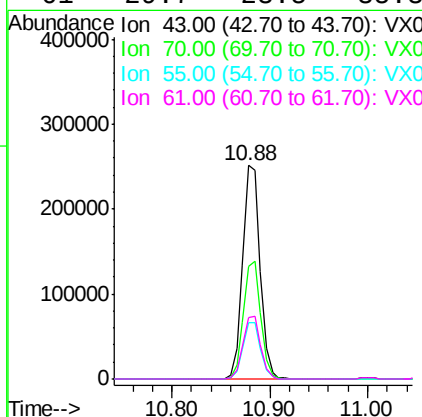
Manual Integrations
APPROVED

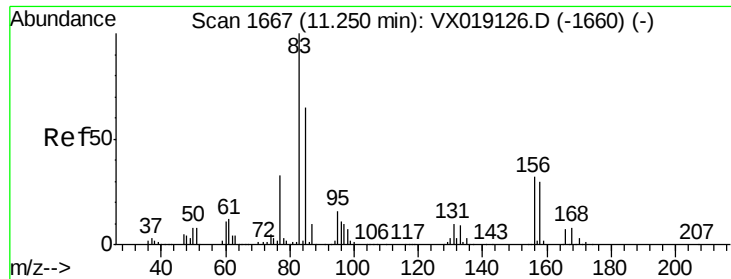
MMDadoda
10/27/2020 6:55:33 PM



#74
N-ethyl acetate
Concen: 107.787 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
43	100		
70	55.0	43.9	65.9
55	27.2	21.5	32.3
61	29.7	23.5	35.3





#75

1,1,2,2-Tetrachloroethane

Concen: 104.282 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 298664

Ion Ratio Lower Upper

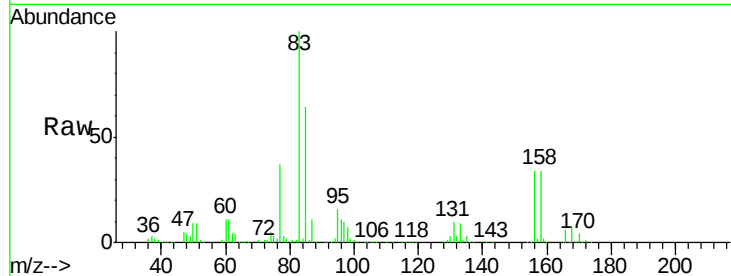
83 100

131 10.7 5.1 15.4

85 64.9 32.3 96.8

Manual Integrations
APPROVED

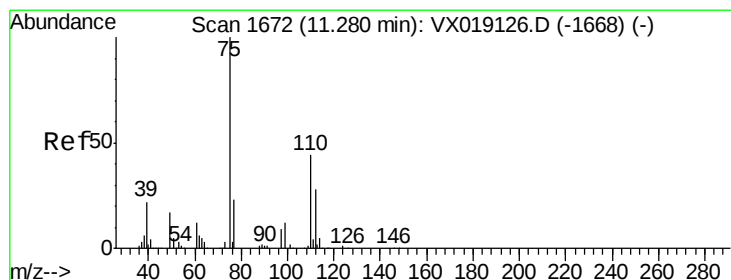
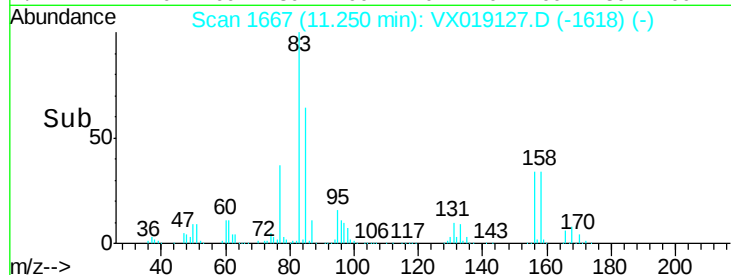
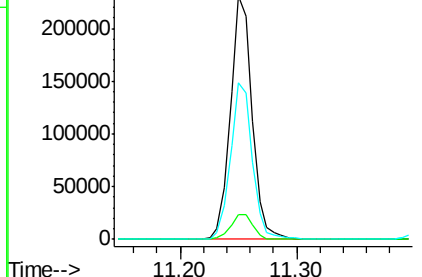
MMDadoda
10/27/2020 6:55:33 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 98.863 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019127.D

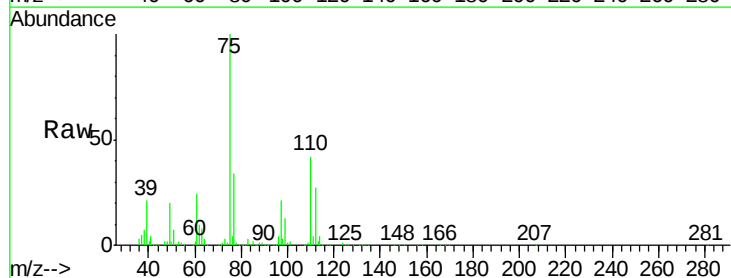
Acq: 26 Oct 2020 18:54

Tgt Ion: 75 Resp: 263380

Ion Ratio Lower Upper

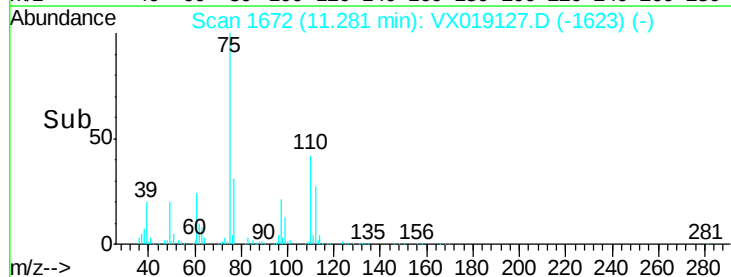
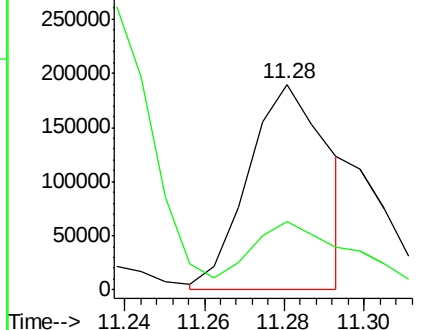
75 100

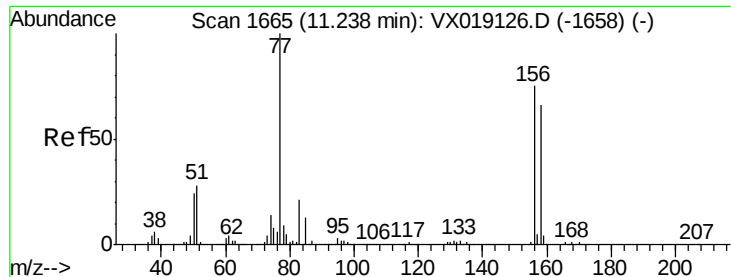
77 42.3 20.4 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 104.684 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

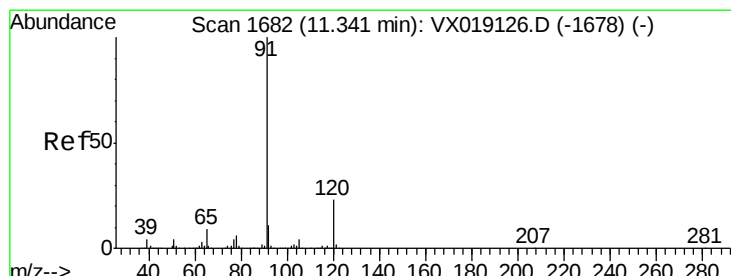
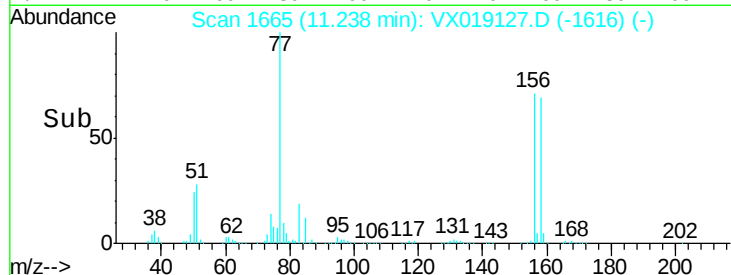
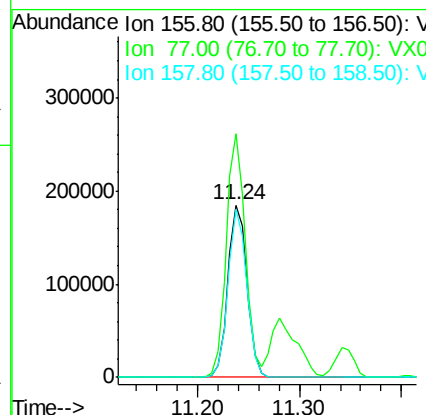
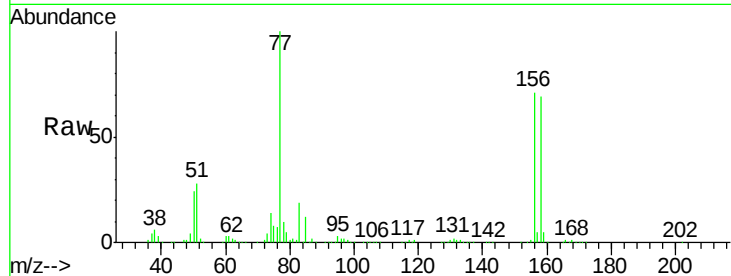
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		240732		
77	141.4	71.7	215.0		
158	95.6	46.9	140.8		

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#78

n-propylbenzene

Concen: 103.358 ug/l

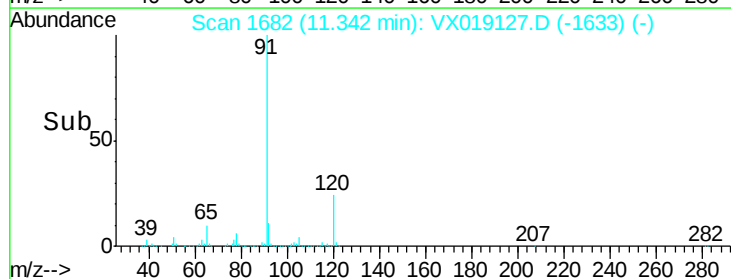
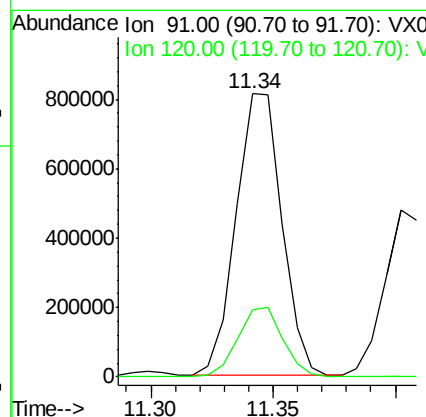
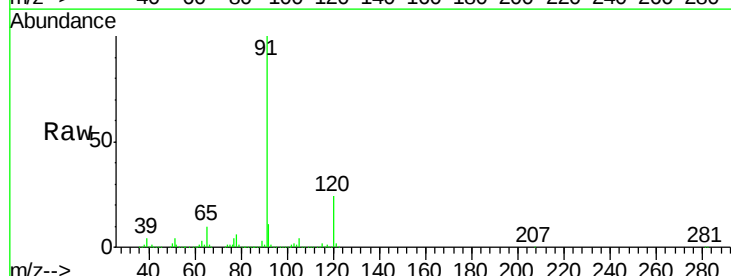
RT: 11.34 min Scan# 1682

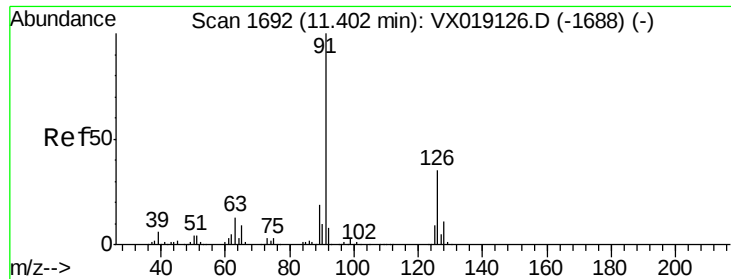
Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1061079		
120	24.3	12.0	36.0		





#79

2-Chlorotoluene

Concen: 102.684 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 617553

Ion Ratio Lower Upper

91 100

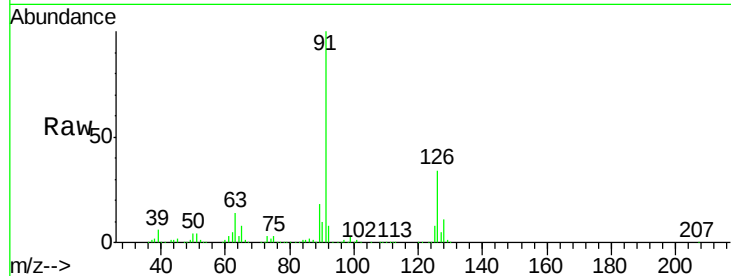
126 35.3 17.8 53.4

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



Abundance Ion 91.00 (90.70 to 91.70): VX019126.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019126.D (-1688) (-)

800000

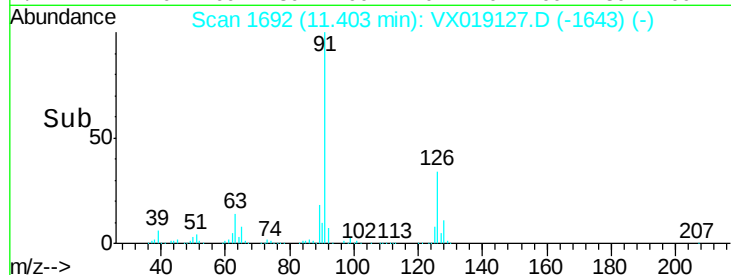
600000

400000

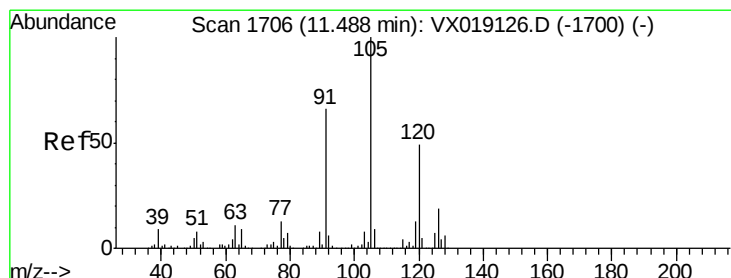
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 106.033 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019127.D

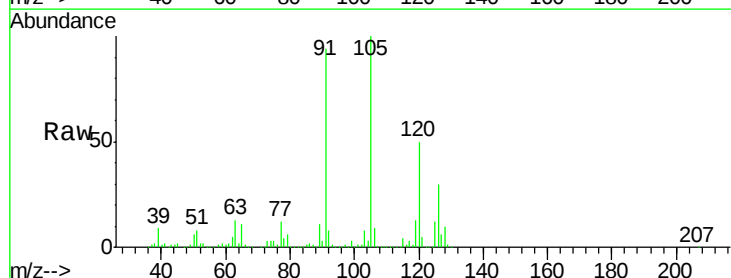
Acq: 26 Oct 2020 18:54

Tgt Ion: 105 Resp: 799148

Ion Ratio Lower Upper

105 100

120 50.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX019126.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019126.D (-1700) (-)

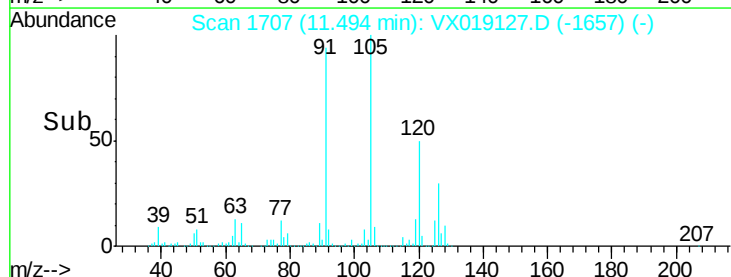
600000

400000

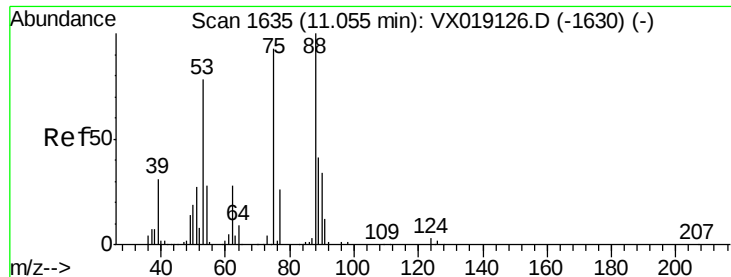
200000

0

11.40 11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 111.532 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

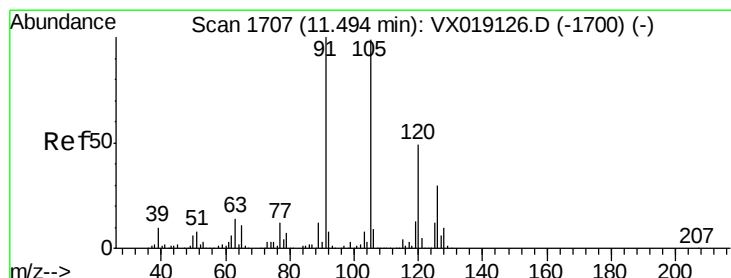
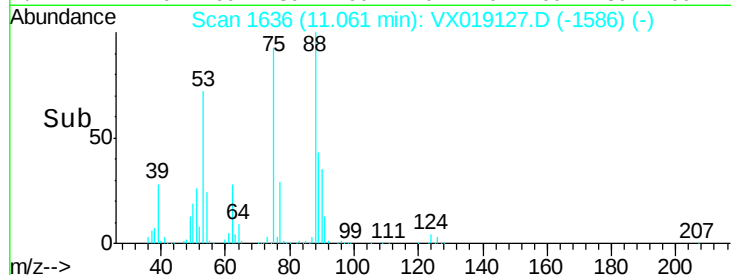
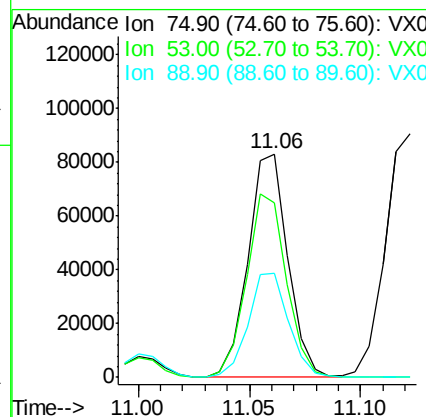
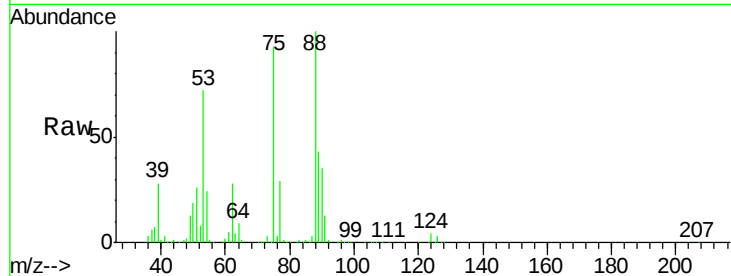
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	103415
Ion Ratio	Lower	Upper	
75	100		
53	82.5	67.6	101.4
89	47.5	38.0	57.0

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#82

4-Chlorotoluene

Concen: 103.070 ug/l

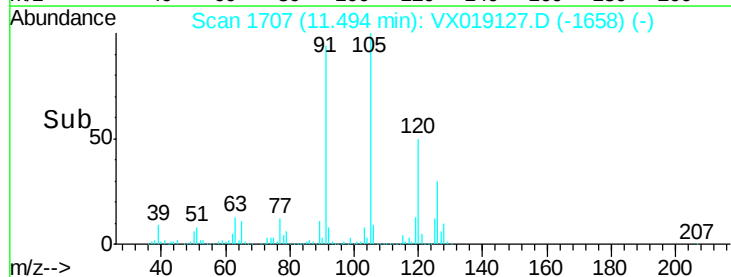
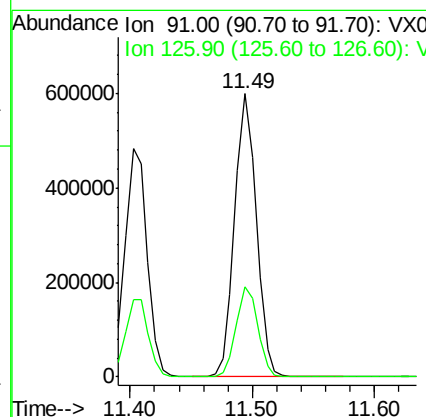
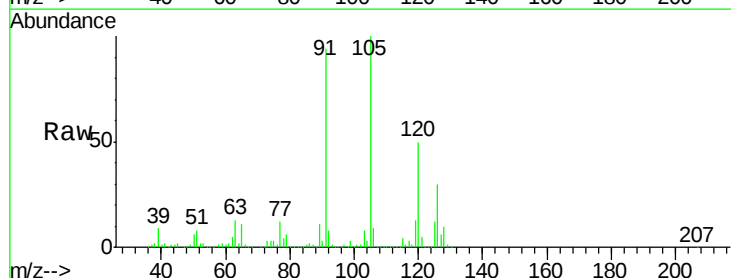
RT: 11.49 min Scan# 1707

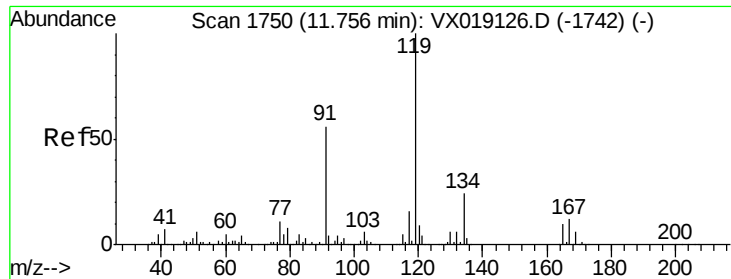
Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Tgt Ion:	91	Resp:	733796
Ion Ratio	Lower	Upper	
91	100		
126	31.8	15.5	46.5





#83

tert-Butylbenzene

Concen: 104.625 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

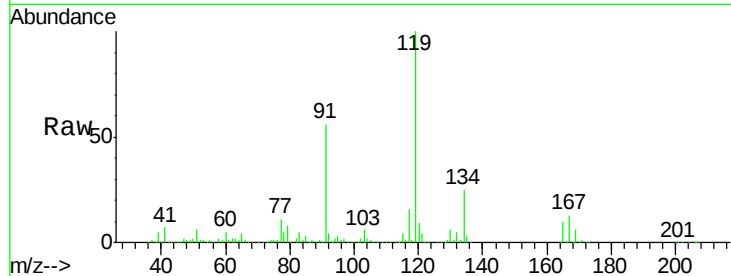
ClientSampleId :

VSTDIC100

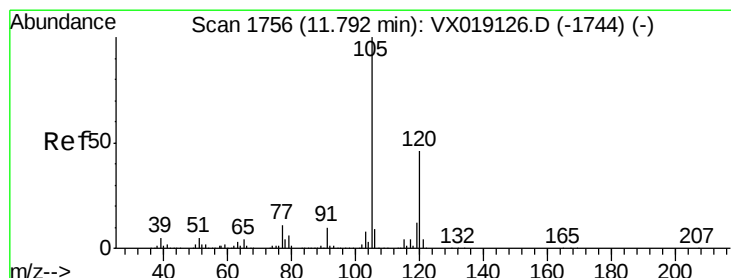
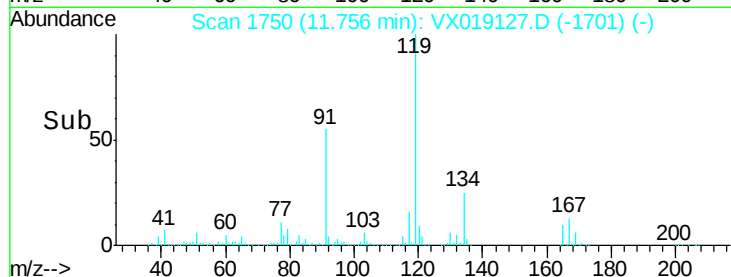
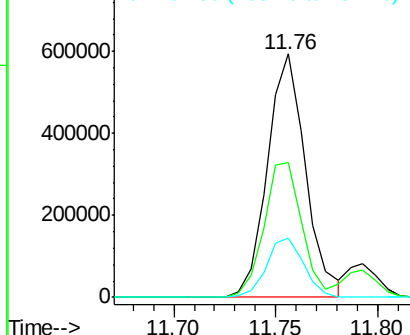
Tot Ion:	119	Resp:	772622
Ion Ratio	Lower	Upper	
119	100		
91	54.9	27.9	83.6
134	23.9	11.9	35.5

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 105.276 ug/l

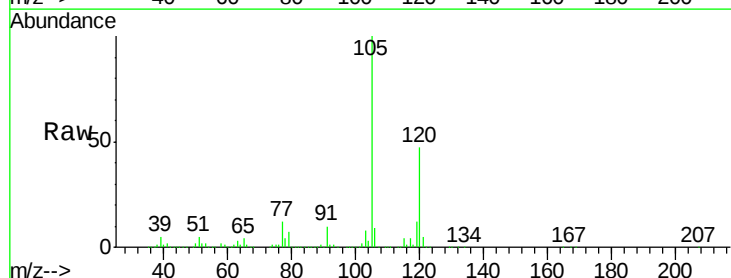
RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

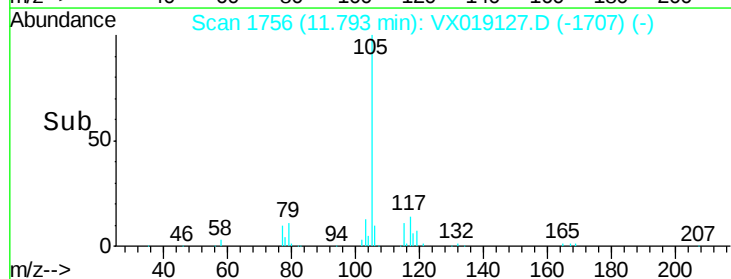
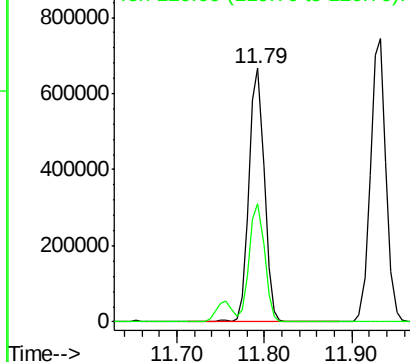
Lab File: VX019127.D

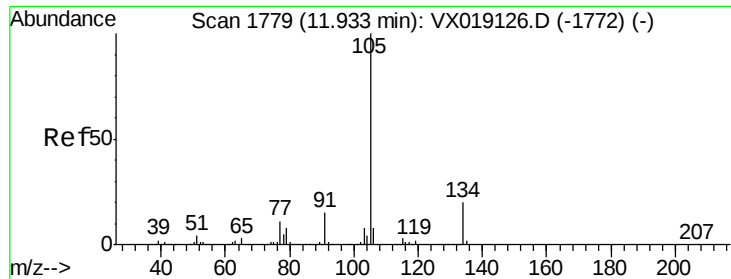
Acq: 26 Oct 2020 18:54

Tgt Ion:	105	Resp:	803582
Ion Ratio	Lower	Upper	
105	100		
120	46.7	22.9	68.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 104.959 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 931924

Ion Ratio Lower Upper

105 100

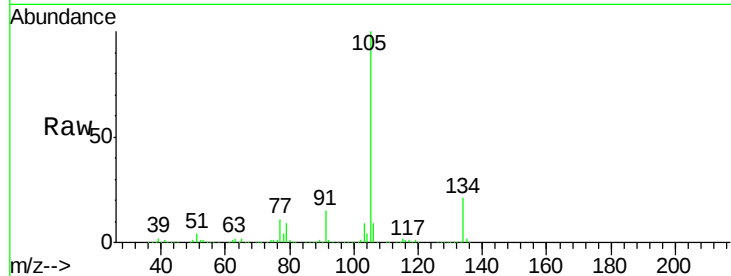
134 20.7 10.2 30.4

Manual Integrations

APPROVED

MMDadoda

10/27/2020 6:55:33 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

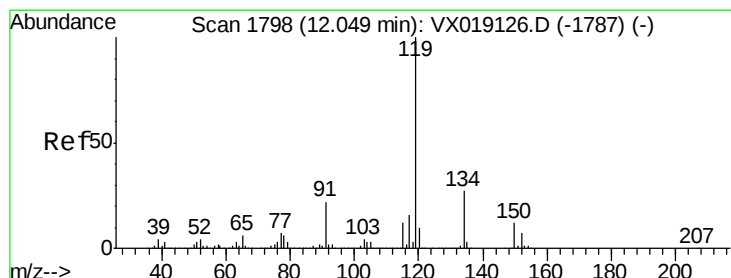
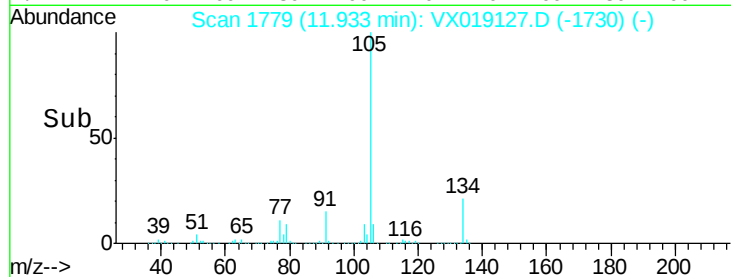
400000

200000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 107.036 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019127.D

Acq: 26 Oct 2020 18:54

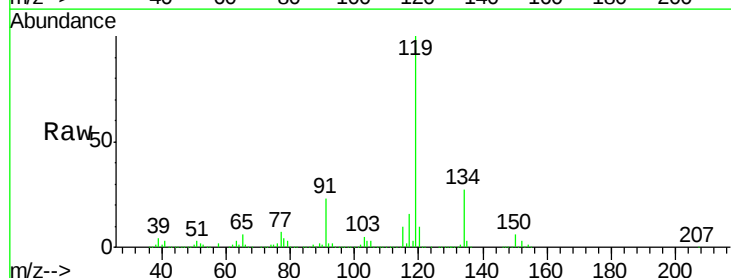
Tgt Ion:119 Resp: 878357

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.6 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

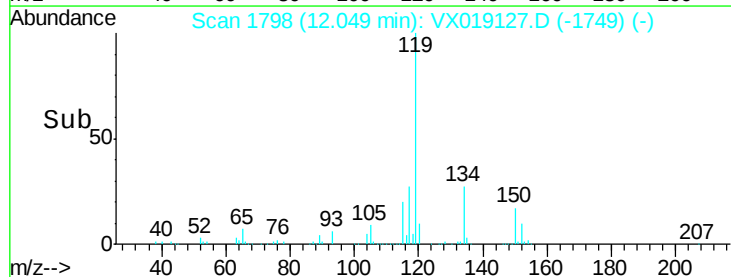
400000

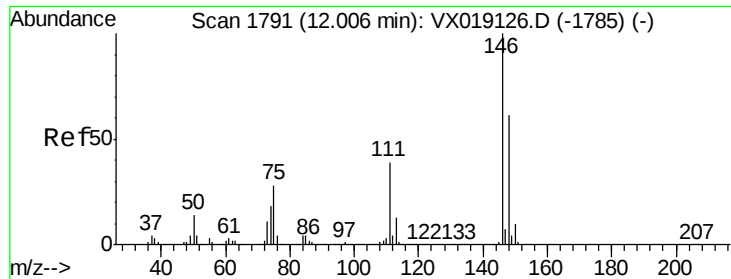
200000

0

11.90 12.00 12.10 12.20

Time-->





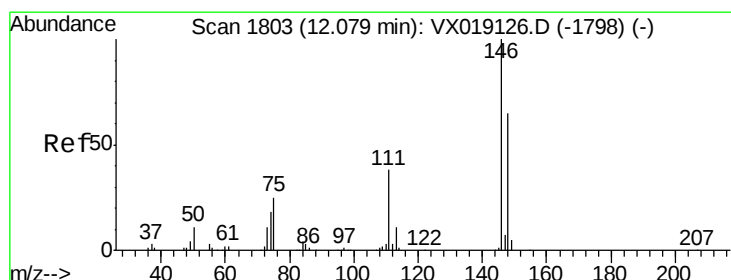
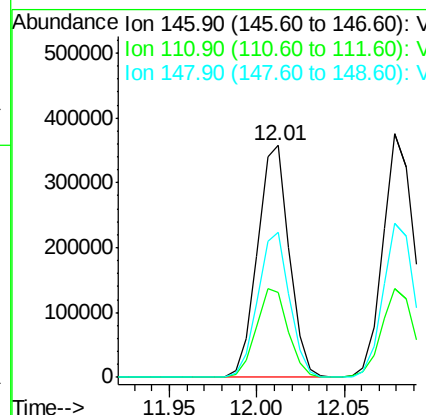
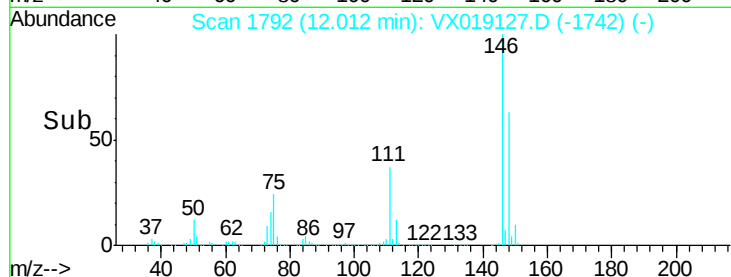
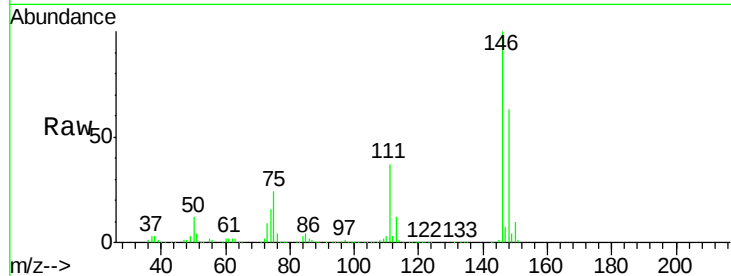
#87
 1,3-Dichlorobenzene
 Concen: 105.707 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.5	58.5
148	62.5	31.9	95.5

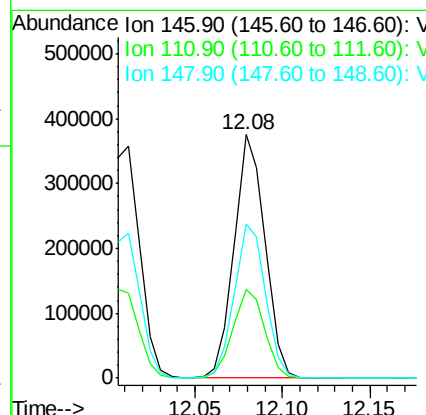
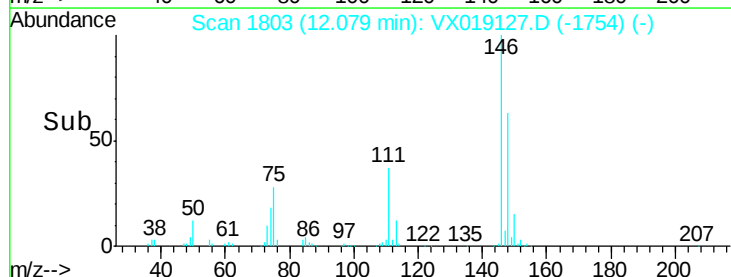
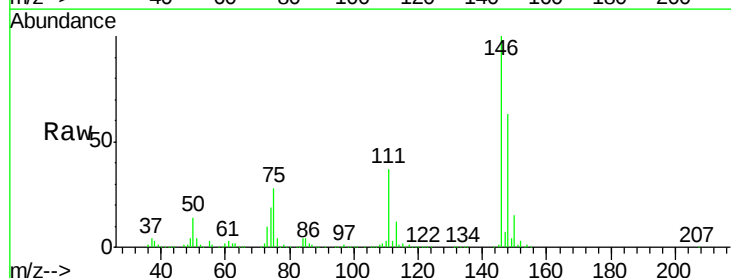
Manual Integrations
 APPROVED

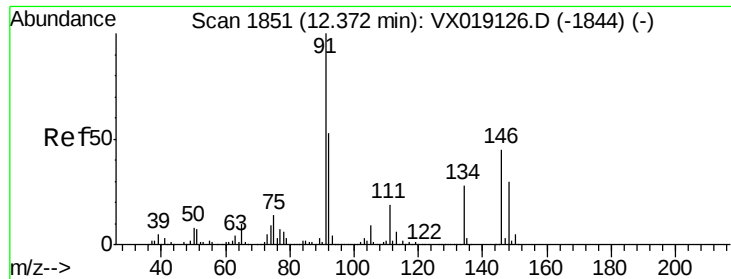
MMDadoda
 10/27/2020 6:55:33 PM



#88
 1,4-Dichlorobenzene
 Concen: 103.370 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.4	58.1
148	63.9	32.5	97.4





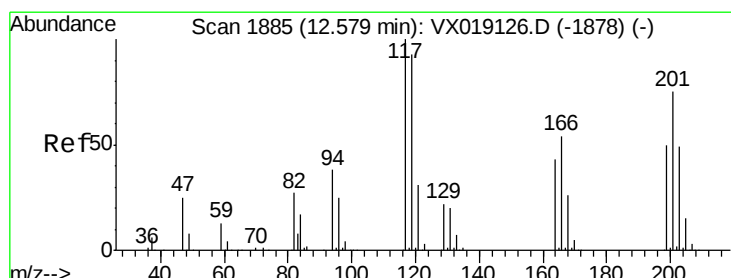
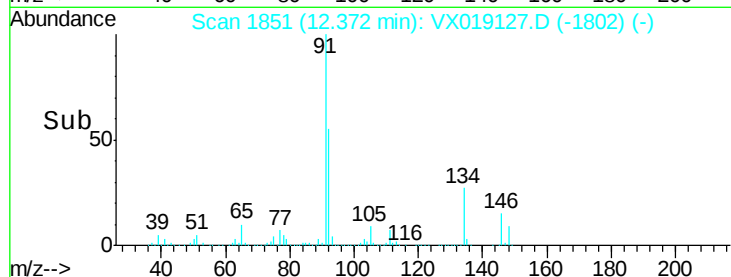
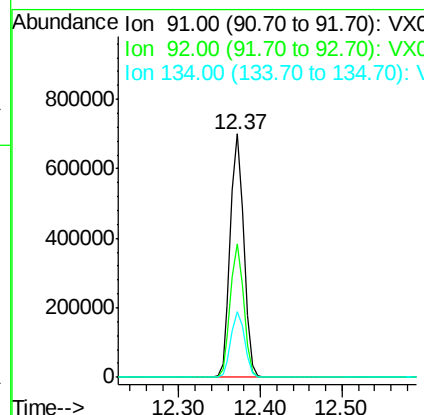
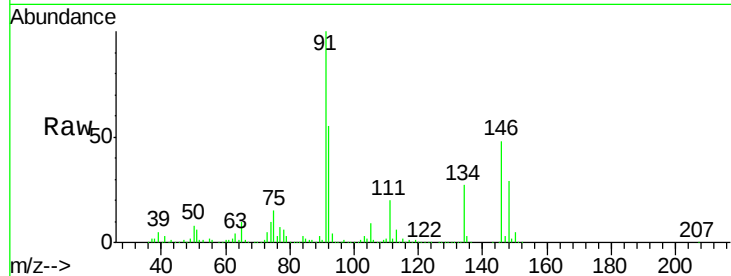
#89
n-Butylbenzene
Concen: 107.277 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.4
134	27.3	13.8	41.4

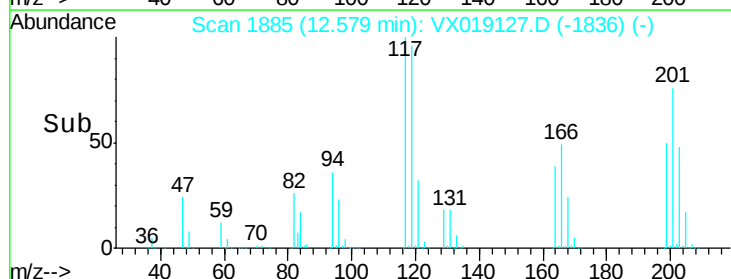
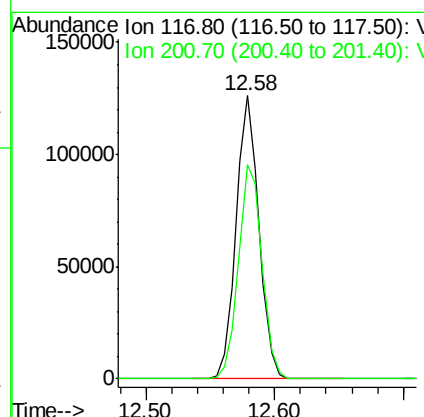
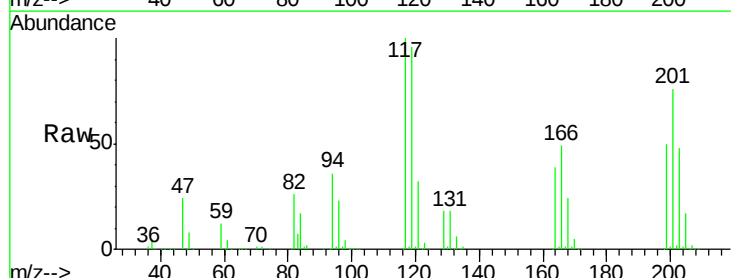
Manual Integrations
APPROVED

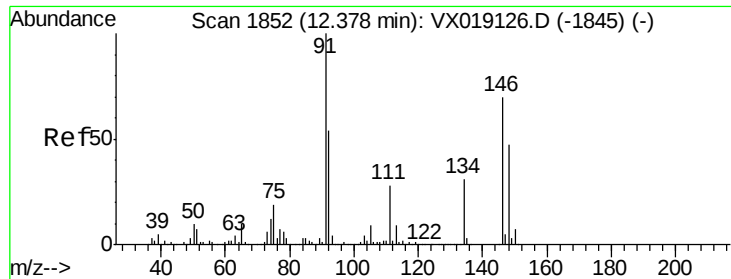
MMDadoda
10/27/2020 6:55:33 PM



#90
Hexachloroethane
Concen: 114.069 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	39.1	117.2





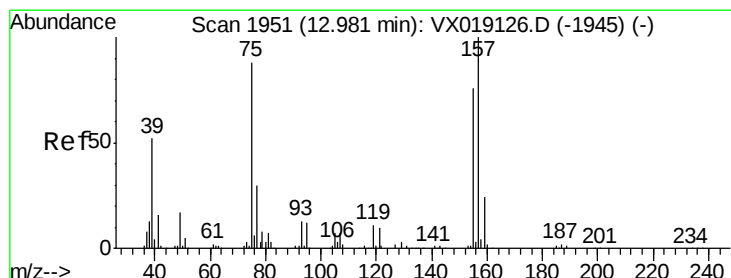
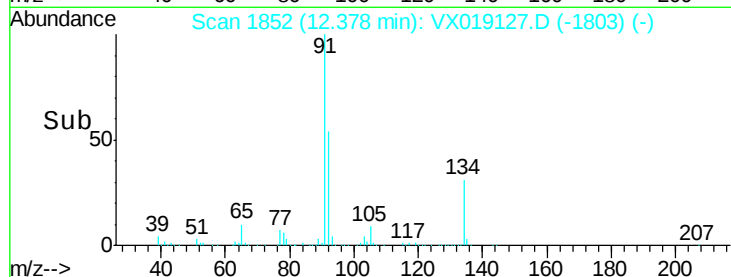
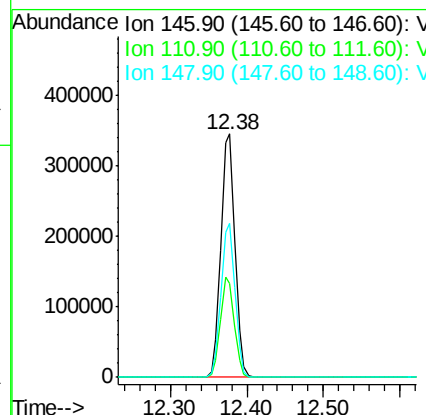
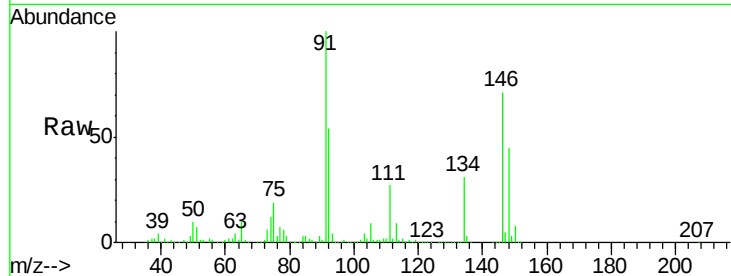
#91
 1,2-Dichlorobenzene
 Concen: 105.330 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	440180		
111	40.4	20.4	61.3	
148	63.0	32.8	98.3	

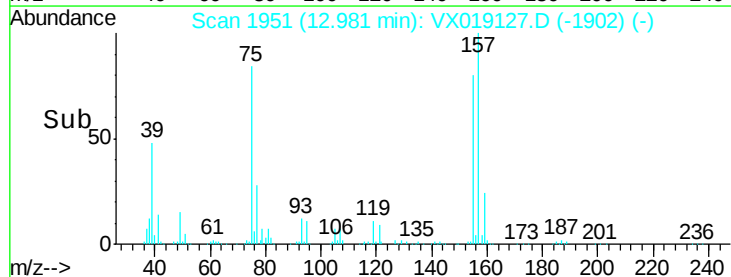
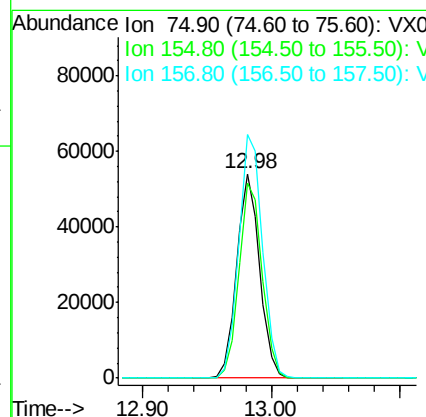
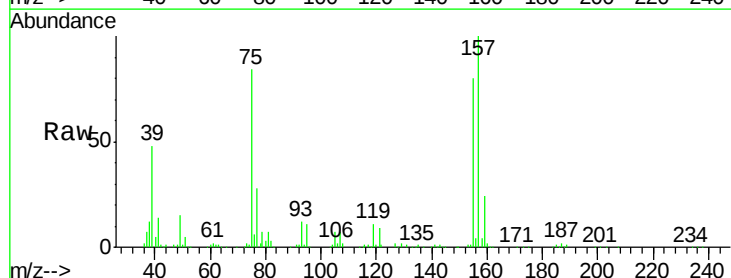
Manual Integrations
 APPROVED

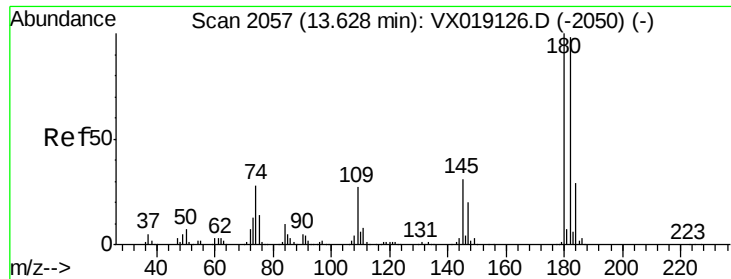
MMDadoda
 10/27/2020 6:55:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 108.919 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67257		
155	96.3	47.1	141.4	
157	123.2	60.1	180.2	





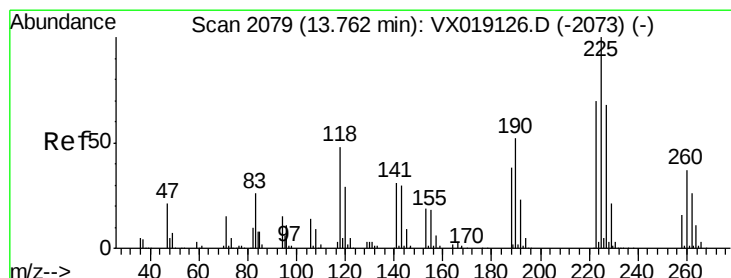
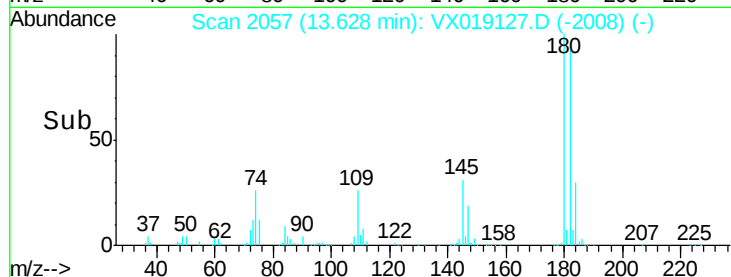
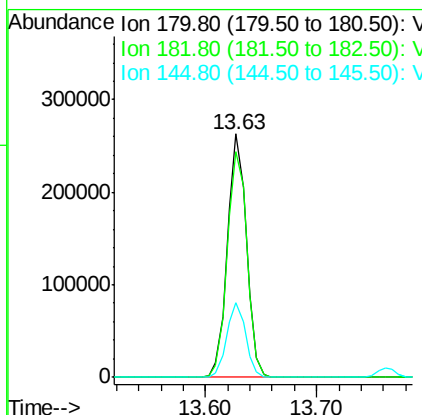
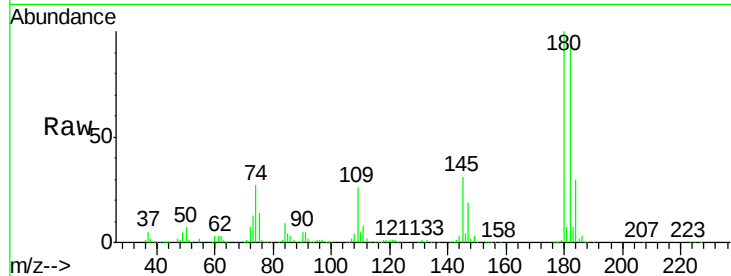
#93
 1,2,4-Trichlorobenzene
 Concen: 107.246 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	310873		
182	96.1	47.8	143.4	
145	30.6	15.0	45.1	

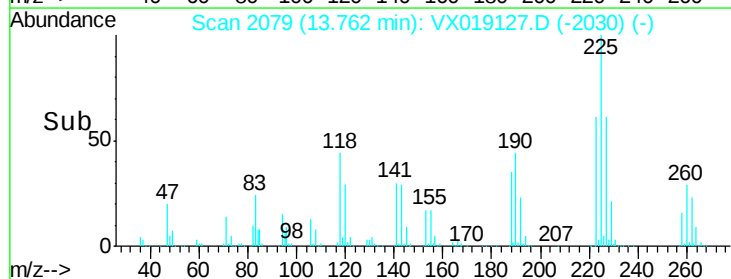
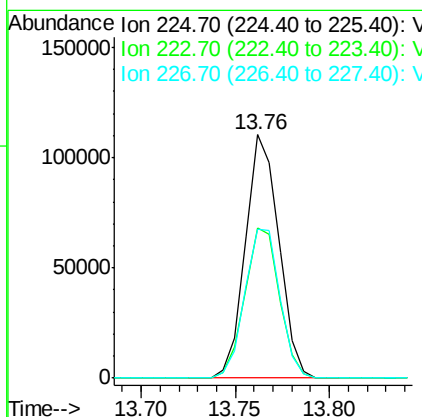
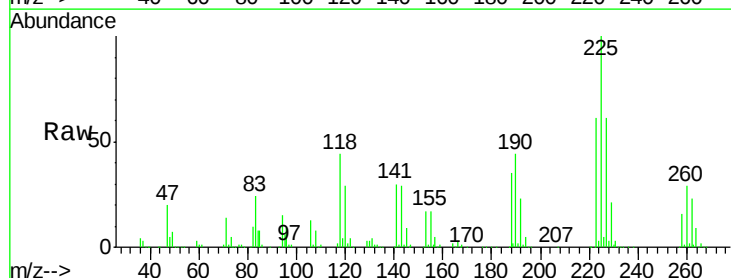
Manual Integrations
 APPROVED

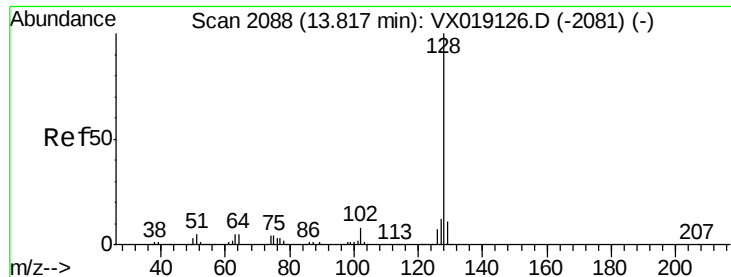
MMDadoda
 10/27/2020 6:55:33 PM



#94
 Hexachlorobutadiene
 Concen: 105.137 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019127.D
 Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135974		
223	63.9	32.1	96.5	
227	64.3	32.0	96.0	





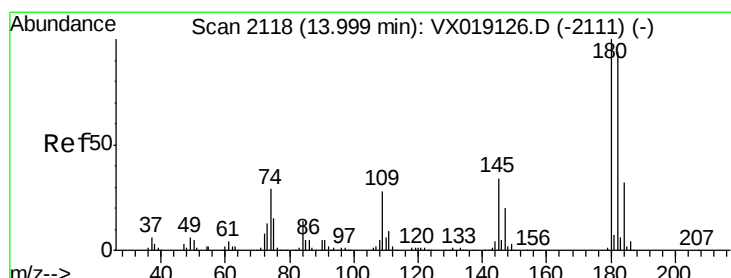
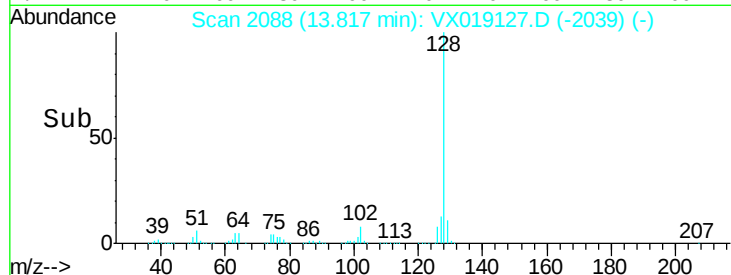
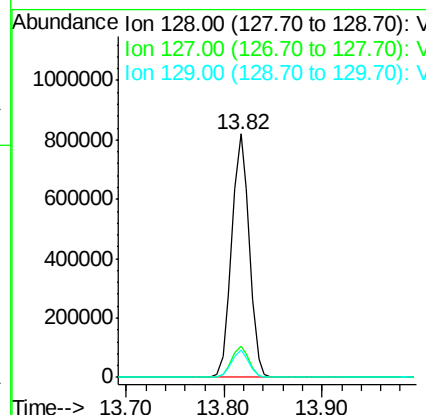
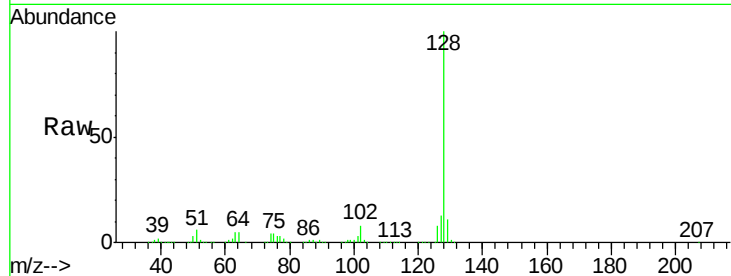
#95
Naphthalene
Concen: 111.395 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 105.585 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019127.D
Acq: 26 Oct 2020 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.6	142.9
145	32.6	15.9	47.7

