

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
 Data File : VX019191.D
 Acq On : 29 Oct 2020 16:27
 Operator : JC/MD
 Sample : VX1031WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:41 PM

Quant Time: Oct 30 04:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	257163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	426284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	388428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	164786	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	5.46	113	130860	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.70	98	500224	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.12	95	190881	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	41411	19.316	ug/l	97
3) Chloromethane	1.31	50	47499	19.831	ug/l	100
4) Vinyl Chloride	1.39	62	55067	19.825	ug/l	99
5) Bromomethane	1.64	94	40250	21.218	ug/l	98
6) Chloroethane	1.71	64	35960	20.276	ug/l	98
7) Trichlorofluoromethane	1.92	101	87024	19.942	ug/l	99
8) Diethyl Ether	2.17	74	34302	20.482	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48522	20.061	ug/l	98
10) Methyl Iodide	2.49	142	54871	23.146	ug/l	100
11) Tert butyl alcohol	3.01	59	65460	99.932	ug/l	98
12) 1,1-Dichloroethene	2.35	96	47015	18.863	ug/l	98
13) Acrolein	2.27	56	25550	90.917	ug/l	100
14) Allyl chloride	2.71	41	73955	19.590	ug/l	98
15) Acrylonitrile	3.11	53	139321	101.215	ug/l	99
16) Acetone	2.42	43	116698	101.998	ug/l	99
17) Carbon Disulfide	2.55	76	128267	18.539	ug/l	100
18) Methyl Acetate	2.75	43	54899	19.733	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	171090	19.811	ug/l	100
20) Methylene Chloride	2.83	84	54926	19.122	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	54866	19.127	ug/l	98
22) Diisopropyl ether	3.82	45	155500	20.661	ug/l	92
23) Vinyl Acetate	3.78	43	685097	102.076	ug/l	99
24) 1,1-Dichloroethane	3.67	63	93825	19.966	ug/l	99
25) 2-Butanone	4.63	43	184575	102.364	ug/l	99
26) 2,2-Dichloropropane	4.55	77	87879	19.893	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	61511	19.189	ug/l	97
28) Bromochloromethane	4.98	49	40886	19.139	ug/l	95
29) Tetrahydrofuran	5.08	42	115895	101.992	ug/l	99
30) Chloroform	5.17	83	100623	20.117	ug/l	99
31) Cyclohexane	5.55	56	82941	19.785	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	89963	19.838	ug/l	99
36) 1,1-Dichloropropene	5.76	75	75810	19.259	ug/l	98
37) Ethyl Acetate	4.79	43	72637	19.874	ug/l	99
38) Carbon Tetrachloride	5.74	117	75789	18.889	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103120\
 Data File : VX019191.D
 Acq On : 29 Oct 2020 16:27
 Operator : JC/MD
 Sample : VX1031WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1031WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 12:00:41 PM

Quant Time: Oct 30 04:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91642	19.470	ug/l	98
40) Benzene	6.11	78	220785	19.782	ug/l	97
41) Methacrylonitrile	4.99	41	39663	20.151	ug/l	98
42) 1,2-Dichloroethane	6.16	62	80251	19.510	ug/l	99
43) Isopropyl Acetate	6.40	43	118925	19.433	ug/l	99
44) Trichloroethene	7.18	130	59400	18.583	ug/l	93
45) 1,2-Dichloropropane	7.49	63	55065	20.143	ug/l	95
46) Dibromomethane	7.63	93	38823	19.205	ug/l	98
47) Bromodichloromethane	7.87	83	77252	19.388	ug/l	98
48) Methyl methacrylate	7.74	41	57429	19.497	ug/l	99
49) 1,4-Dioxane	7.73	88	26101	398.458	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	360316	102.440	ug/l	99
52) Toluene	8.76	92	142420	19.813	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84608	18.591	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	92133	19.252	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55655	19.595	ug/l	99
56) Ethyl methacrylate	9.16	69	84352	19.662	ug/l	97
57) 1,3-Dichloropropane	9.35	76	94244	19.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	223018	92.954	ug/l	96
59) 2-Hexanone	9.47	43	276787	103.378	ug/l	99
60) Dibromochloromethane	9.56	129	58957	19.127	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59318	19.531	ug/l	97
64) Tetrachloroethene	9.32	164	55414	18.725	ug/l	99
65) Chlorobenzene	10.12	112	146458	18.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	53476	18.710	ug/l	99
67) Ethyl Benzene	10.23	91	269126	19.024	ug/l	99
68) m/p-Xylenes	10.34	106	200567	37.775	ug/l	96
69) o-Xylene	10.68	106	97540	19.368	ug/l	100
70) Styrene	10.69	104	162064	18.861	ug/l	99
71) Bromoform	10.84	173	39587	17.469	ug/l #	98
73) Isopropylbenzene	11.00	105	263965	19.071	ug/l	99
74) N-amyl acetate	10.88	43	99156	19.593	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	83324	19.263	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	78658m	19.482	ug/l	
77) Bromobenzene	11.24	156	62905	18.312	ug/l	94
78) n-propylbenzene	11.34	91	302644	19.155	ug/l	99
79) 2-Chlorotoluene	11.40	91	180982	19.456	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	223183	19.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27117	17.684	ug/l	95
82) 4-Chlorotoluene	11.49	91	215056	18.932	ug/l	98
83) tert-Butylbenzene	11.76	119	214927	19.197	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	225548	19.107	ug/l	99
85) sec-Butylbenzene	11.93	105	262015	19.513	ug/l	99
86) p-Isopropyltoluene	12.05	119	240183	19.379	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117621	18.386	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	118494	17.794	ug/l	98
89) n-Butylbenzene	12.37	91	217869	18.701	ug/l	99
90) Hexachloroethane	12.58	117	39433	18.718	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	112643	18.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19077	18.015	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
Data File : VX019191.D
Acq On : 29 Oct 2020 16:27
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

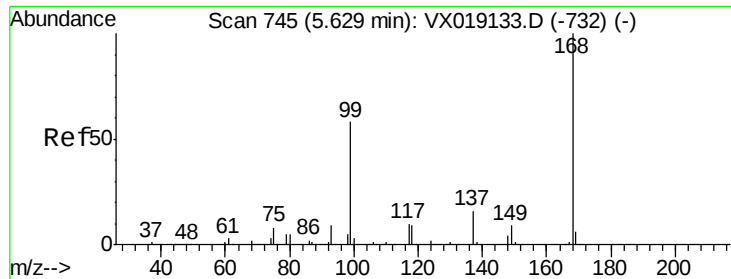
Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM

Quant Time: Oct 30 04:10:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75974	16.466	ug/l	96
94) Hexachlorobutadiene	13.77	225	33345	16.417	ug/l	99
95) Naphthalene	13.82	128	248342	17.089	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	73610	16.445	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion:168 Resp: 257163

Ion Ratio Lower Upper

168 100

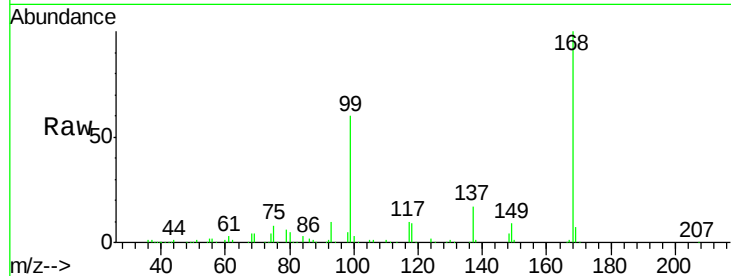
99 60.0 46.6 69.8

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

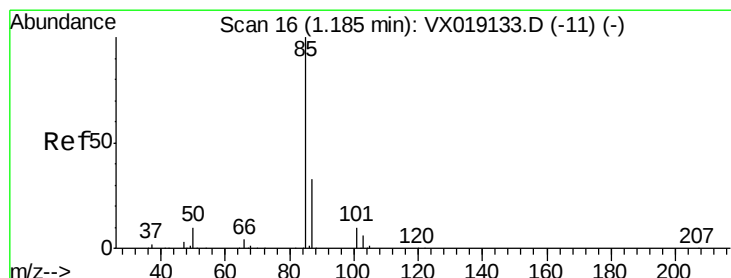
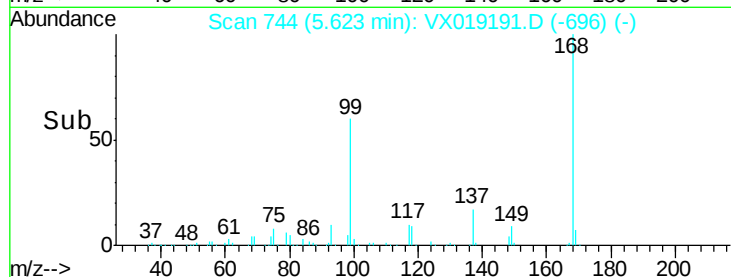
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.316 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019191.D

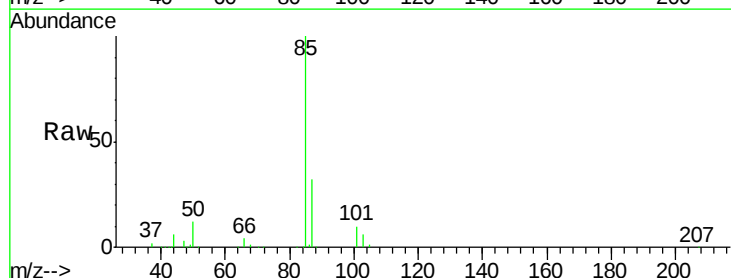
Acq: 29 Oct 2020 16:27

Tgt Ion: 85 Resp: 41411

Ion Ratio Lower Upper

85 100

87 31.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

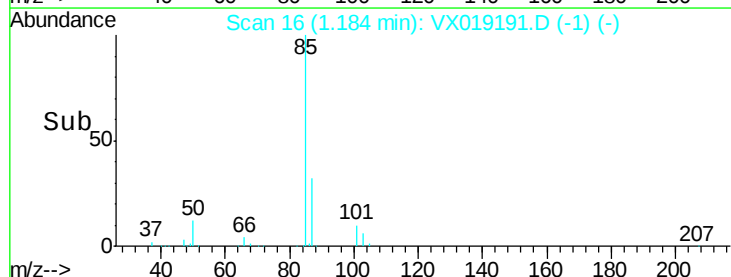
30000

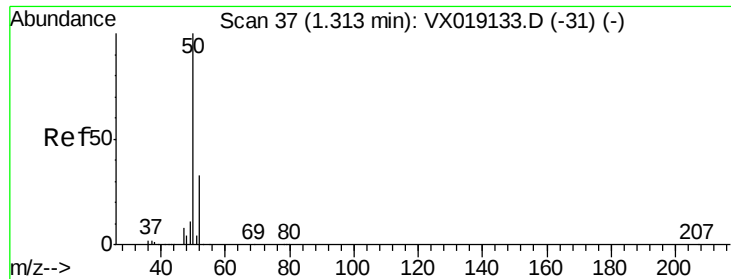
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.831 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 50 Resp: 47499

Ion Ratio Lower Upper

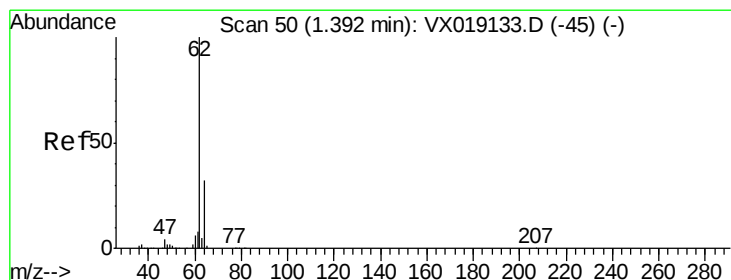
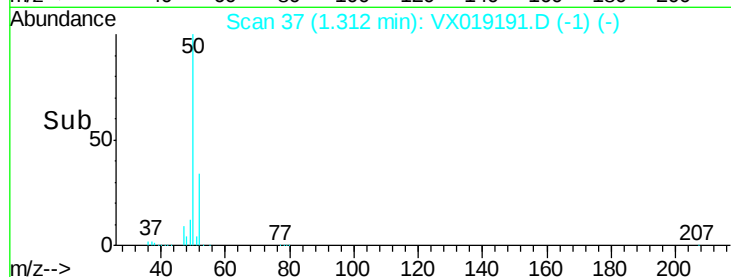
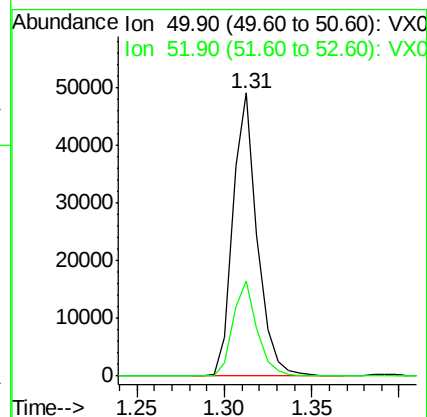
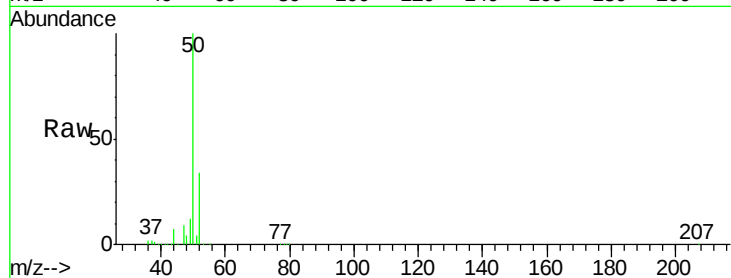
50 100

52 33.7 26.8 40.2

Manual Integrations
APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#4

Vinyl Chloride

Concen: 19.825 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019191.D

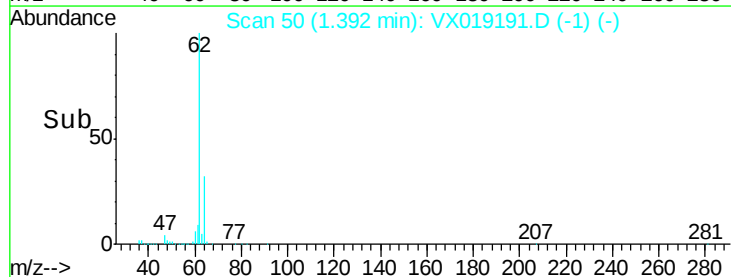
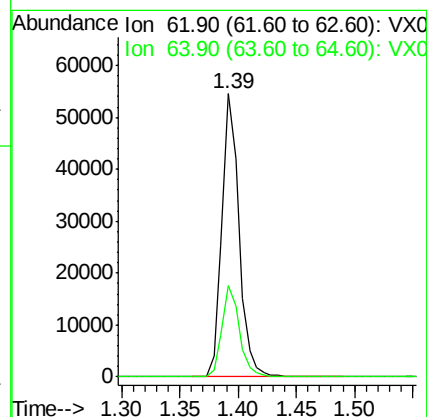
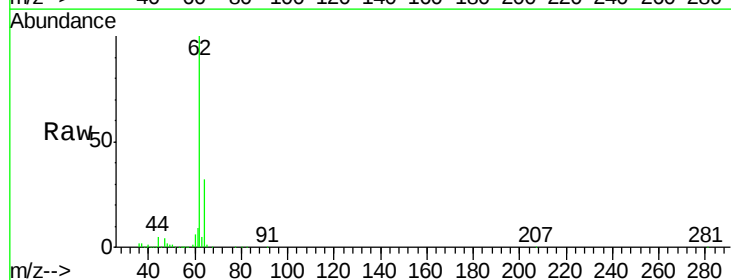
Acq: 29 Oct 2020 16:27

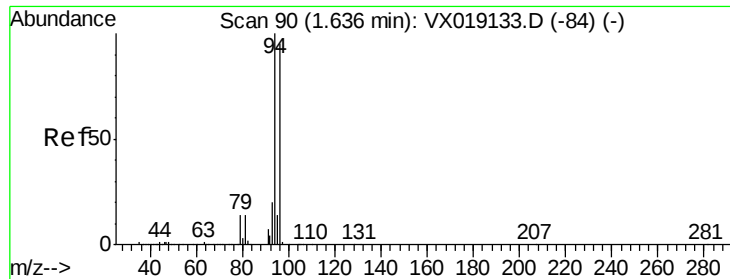
Tgt Ion: 62 Resp: 55067

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 21.218 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 94 Resp: 40250

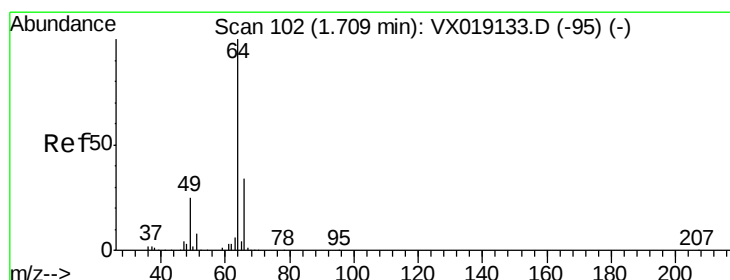
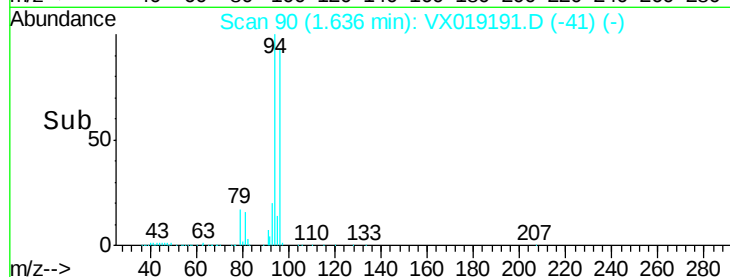
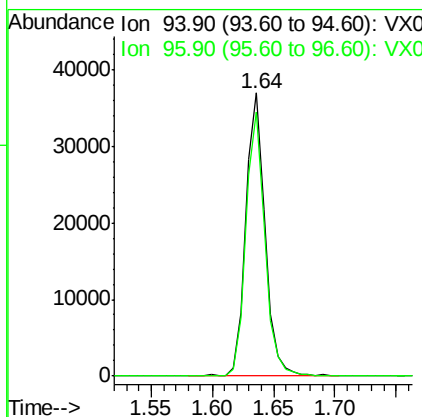
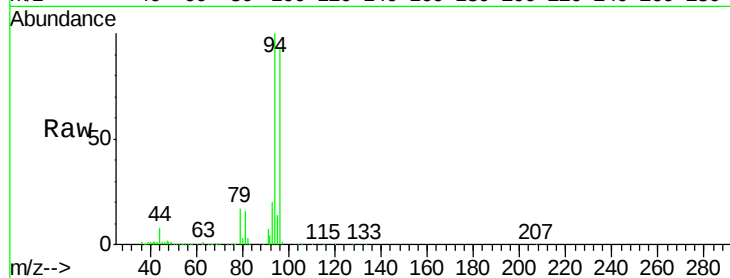
Ion Ratio Lower Upper

94 100

96 93.3 76.0 114.0

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#6

Chloroethane

Concen: 20.276 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019191.D

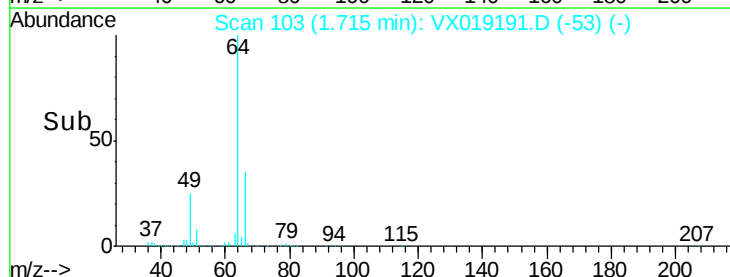
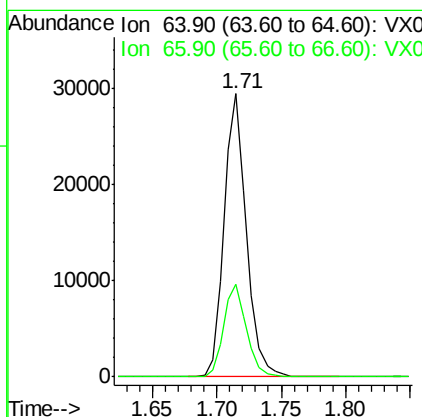
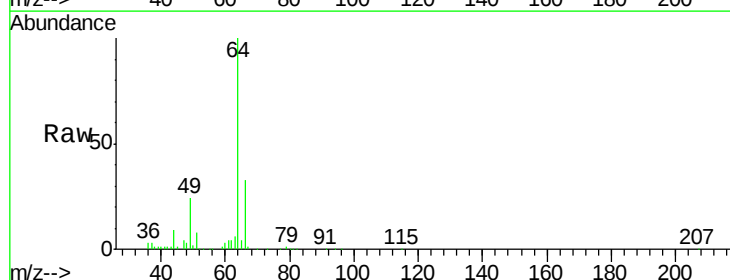
Acq: 29 Oct 2020 16:27

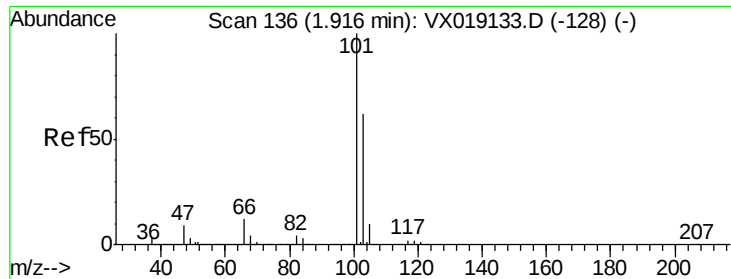
Tgt Ion: 64 Resp: 35960

Ion Ratio Lower Upper

64 100

66 32.6 27.1 40.7





#7

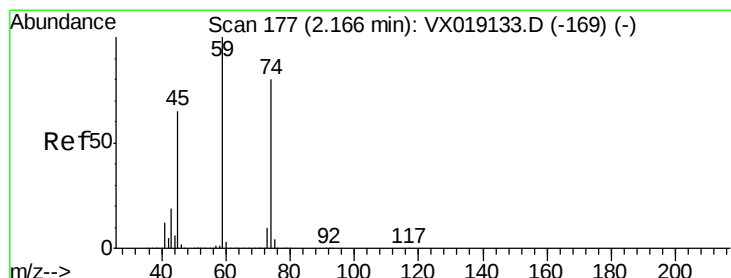
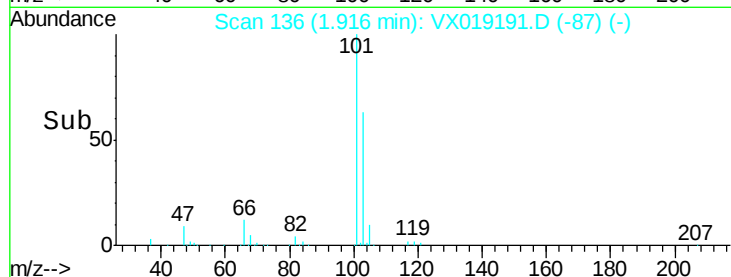
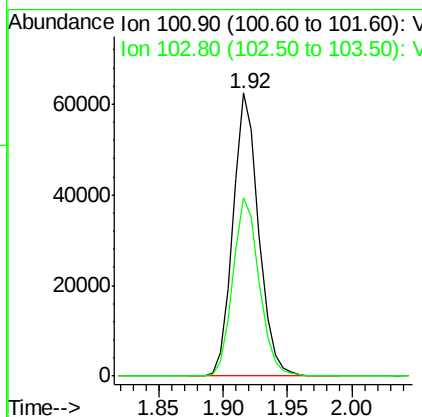
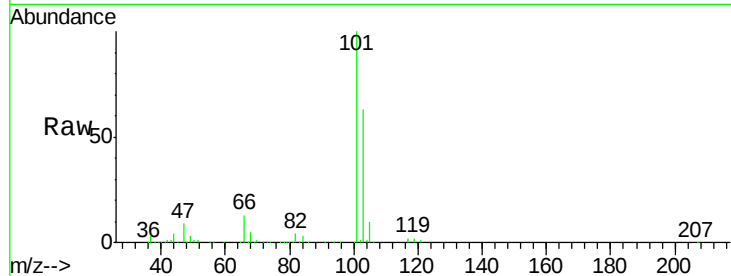
Trichlorofluoromethane
Concen: 19.942 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.0	75.0

Manual Integrations
APPROVED

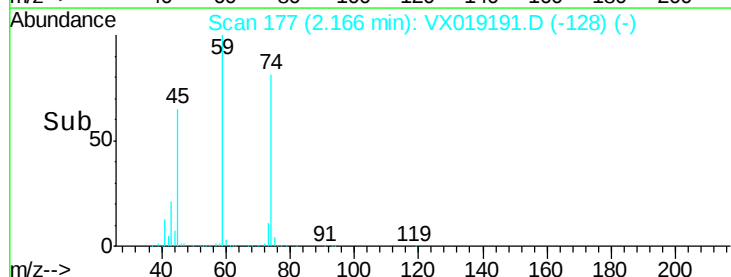
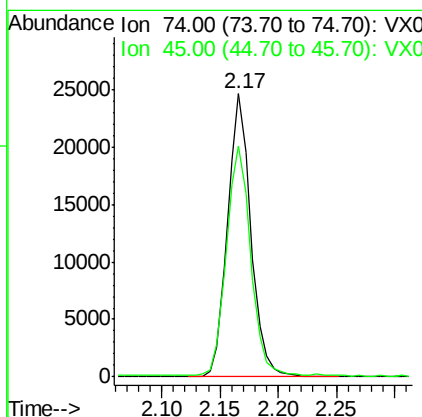
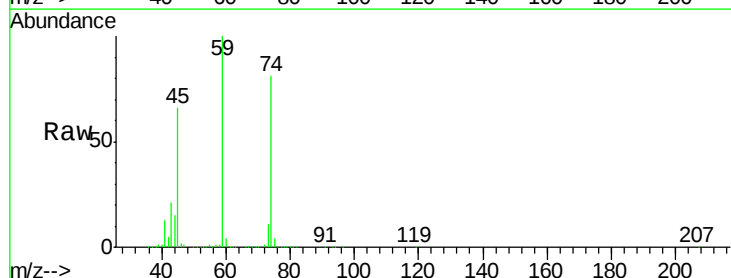
MMDadoda
10/30/2020 12:00:41 PM

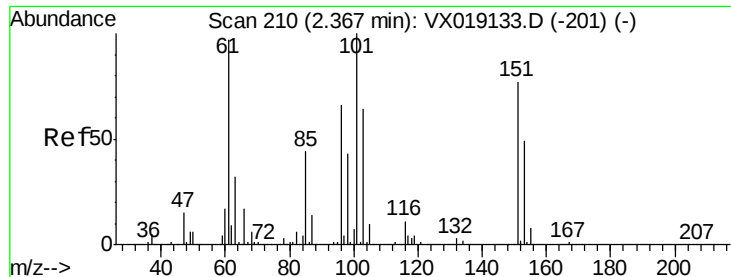


#8

Diethyl Ether
Concen: 20.482 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.2	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.061 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

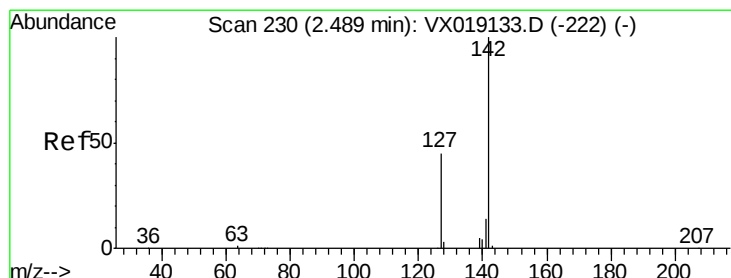
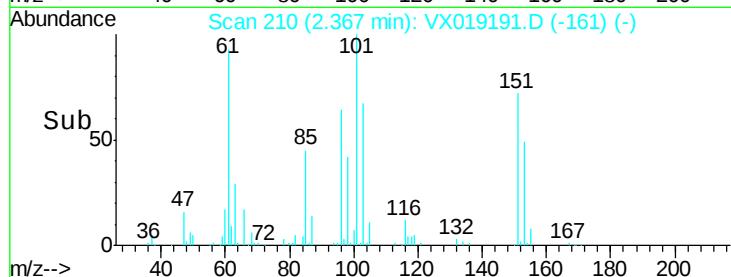
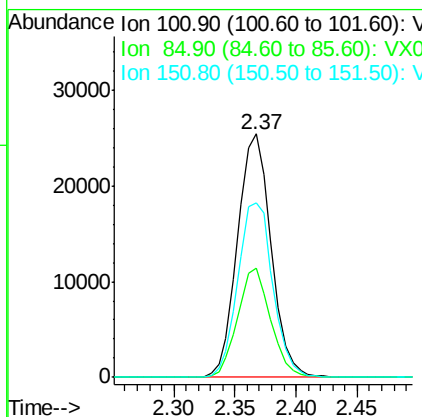
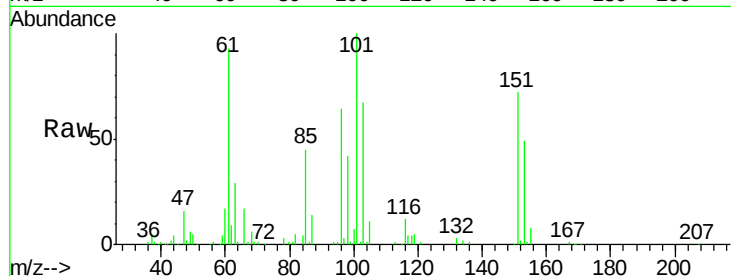
ClientSampleId :

VX1031WBS01

Tot Ion:	101	Resp:	48522
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.0	52.4
151	74.9	61.4	92.2

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#10

Methyl Iodide

Concen: 23.146 ug/l

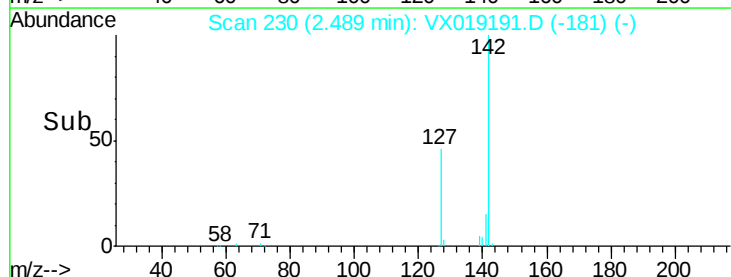
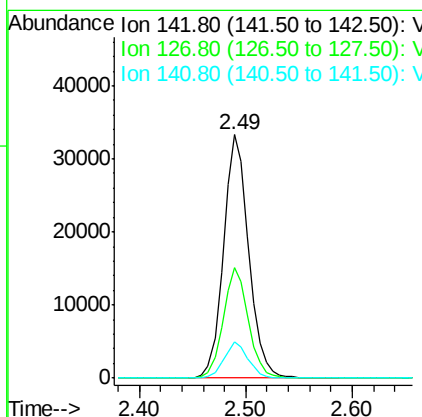
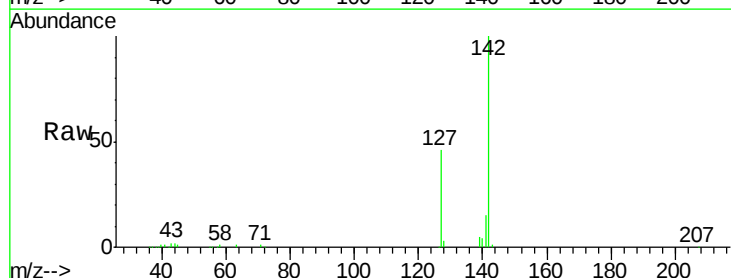
RT: 2.49 min Scan# 230

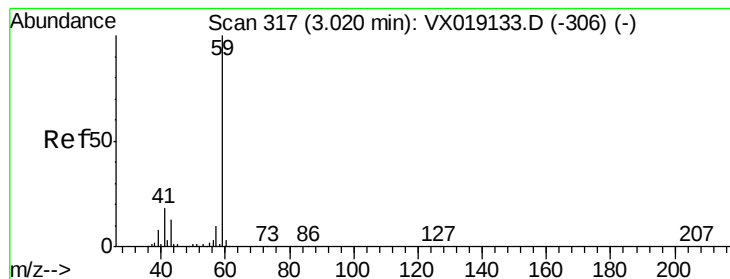
Delta R.T. 0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion:	142	Resp:	54871
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.1	54.1
141	14.2	11.3	16.9





#11

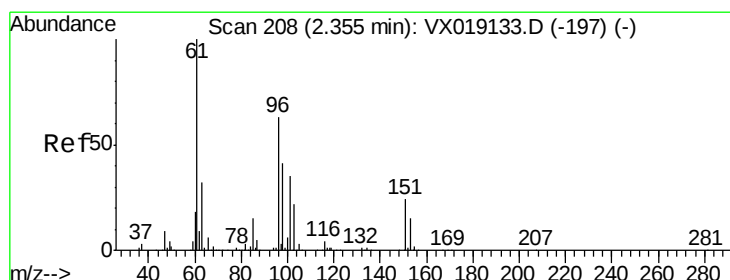
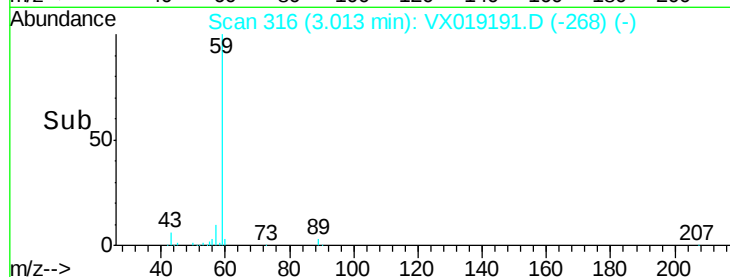
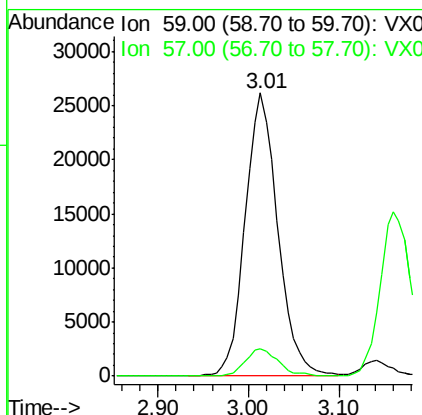
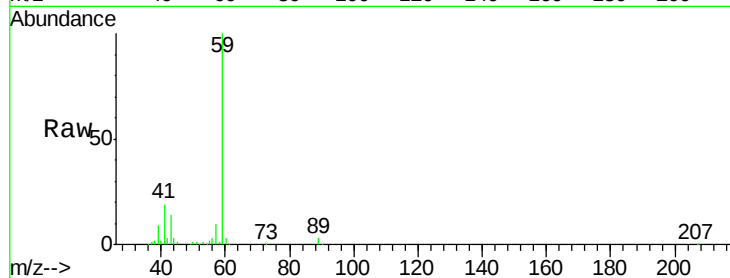
Tert butyl alcohol
 Concen: 99.932 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	65460		
57	57	9.8		8.4	12.6

Manual Integrations
 APPROVED

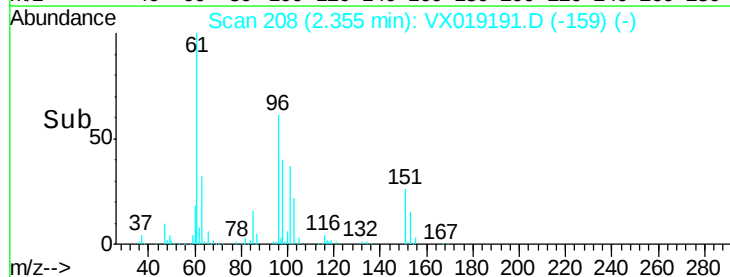
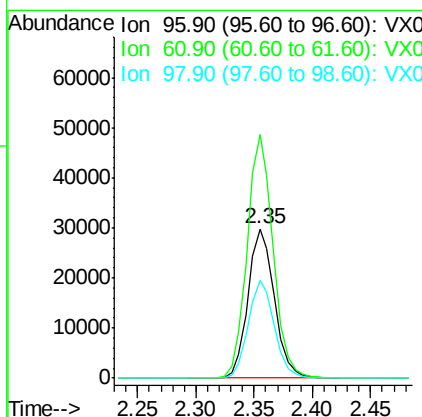
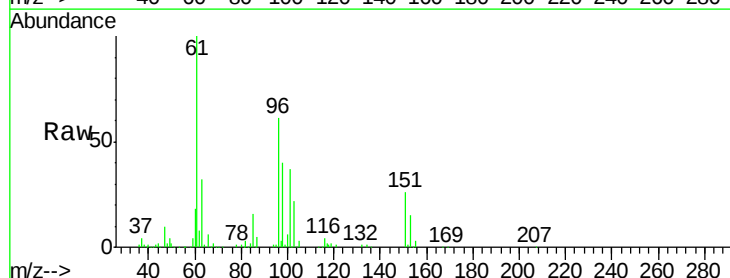
MMDadoda
 10/30/2020 12:00:41 PM

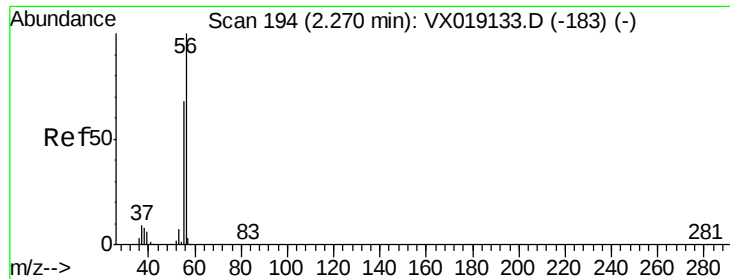


#12

1,1-Dichloroethene
 Concen: 18.863 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	47015		
61	61	163.2		127.7	191.5
98	98	65.2		52.1	78.1





#13

Acrolein

Concen: 90.917 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 56 Resp: 25550

Ion Ratio Lower Upper

56 100

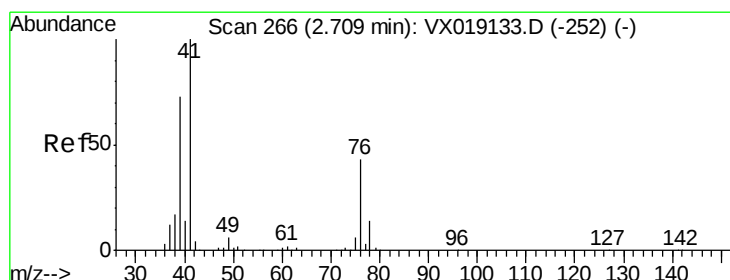
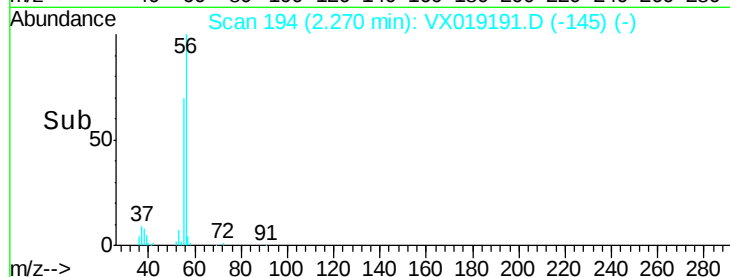
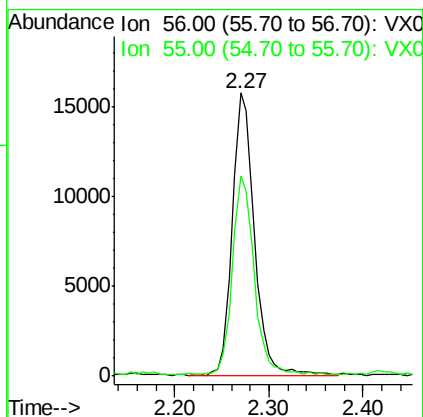
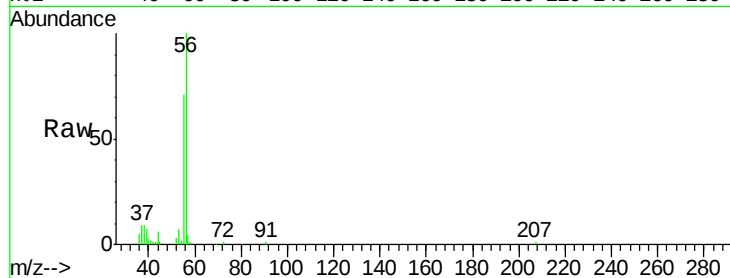
55 68.3 54.7 82.1

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#14

Allyl chloride

Concen: 19.590 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

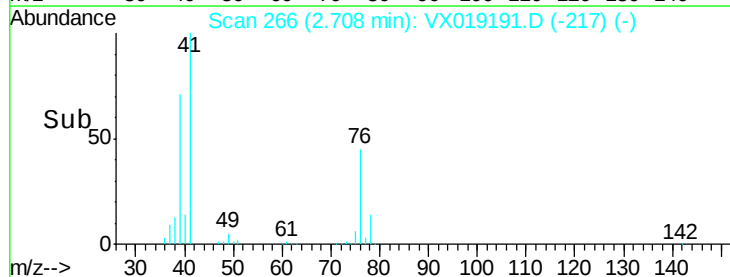
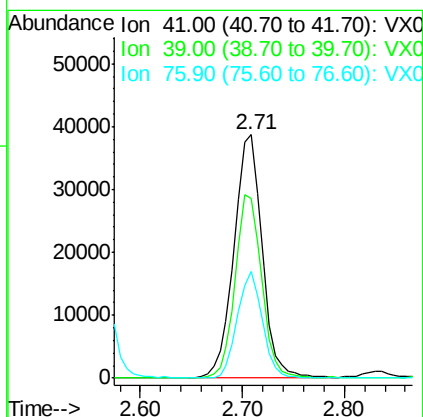
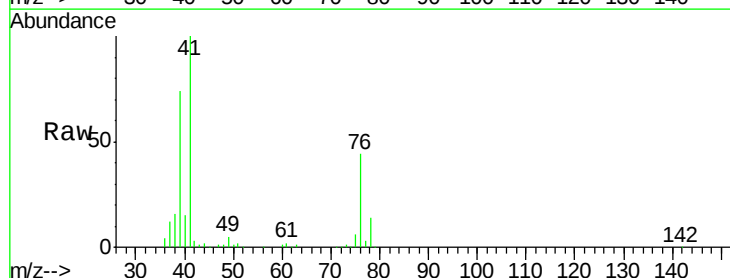
Tgt Ion: 41 Resp: 73955

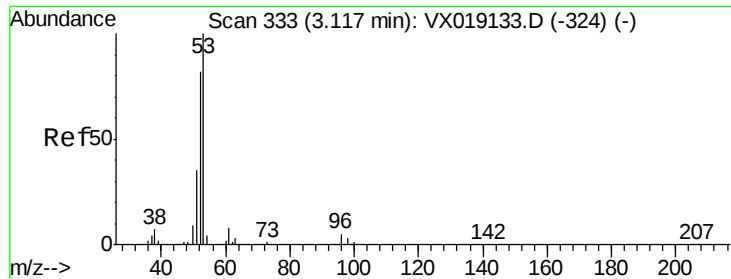
Ion Ratio Lower Upper

41 100

39 70.9 55.2 82.8

76 38.9 31.5 47.3





#15

Acrylonitrile

Concen: 101.215 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

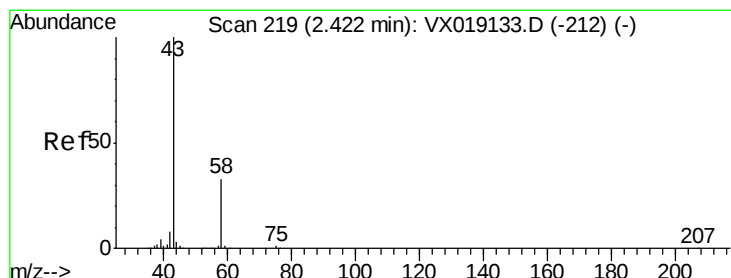
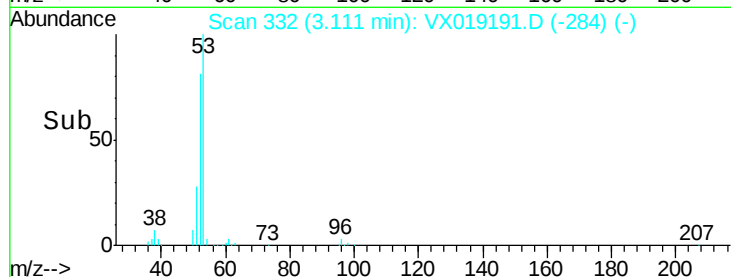
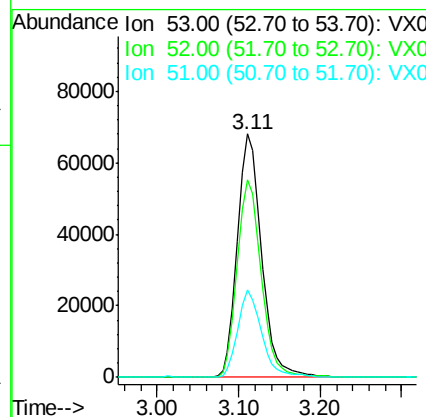
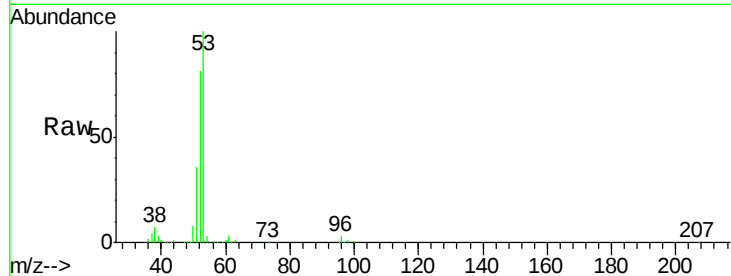
ClientSampleId :

VX1031WBS01

Tot Ion:	53	Resp:	139321
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.7	98.5
51	35.8	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#16

Acetone

Concen: 101.998 ug/l

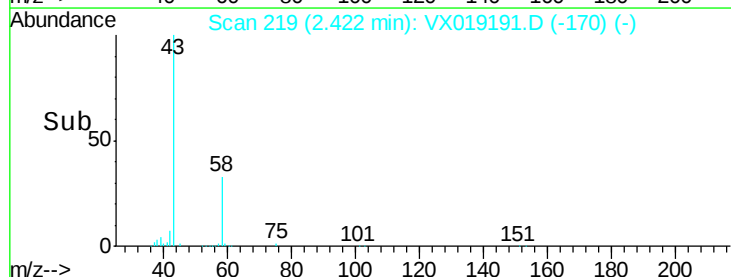
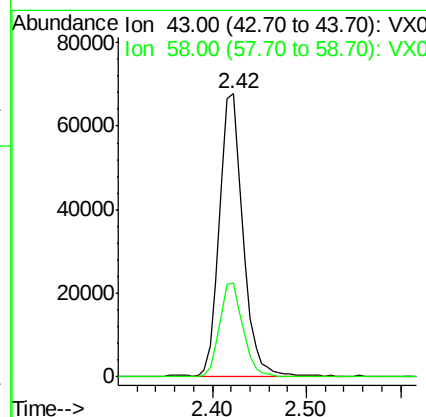
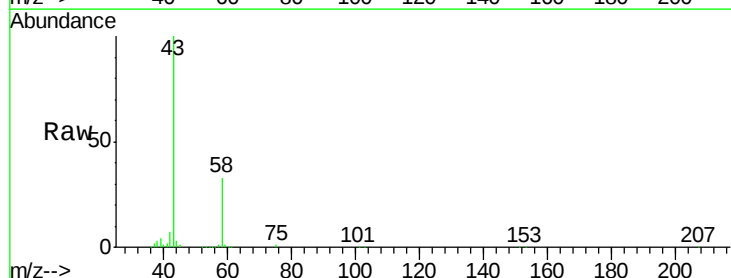
RT: 2.42 min Scan# 219

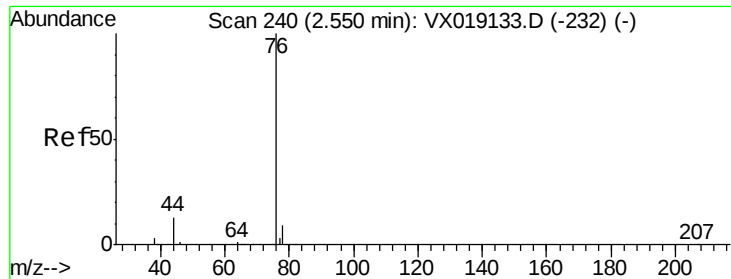
Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion:	43	Resp:	116698
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.3	39.5





#17

Carbon Disulfide

Concen: 18.539 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 76 Resp: 128267

Ion Ratio Lower Upper

76 100

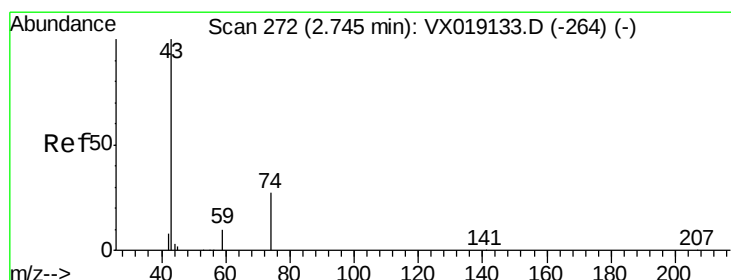
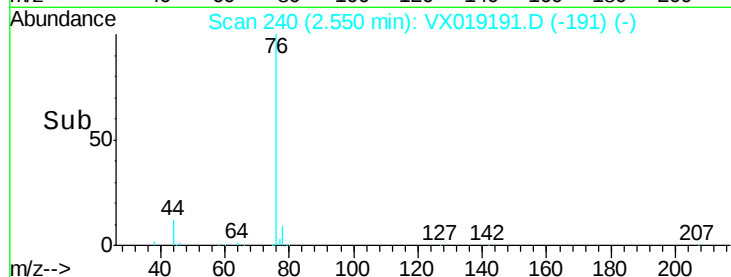
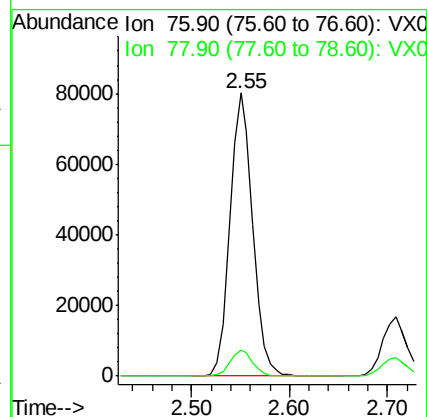
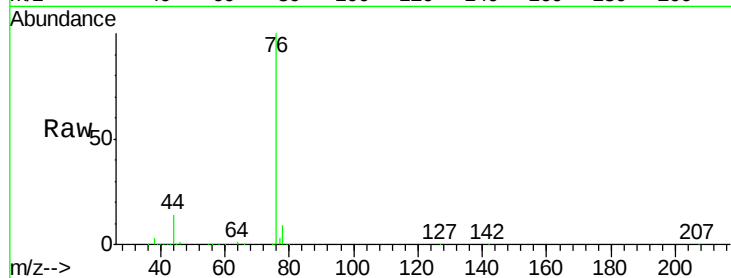
78 9.3 7.3 10.9

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#18

Methyl Acetate

Concen: 19.733 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019191.D

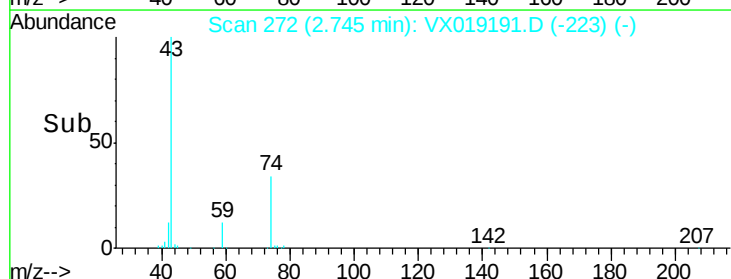
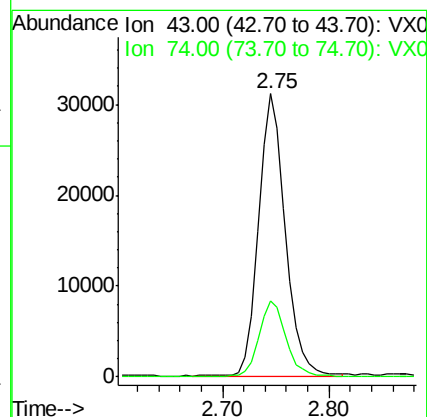
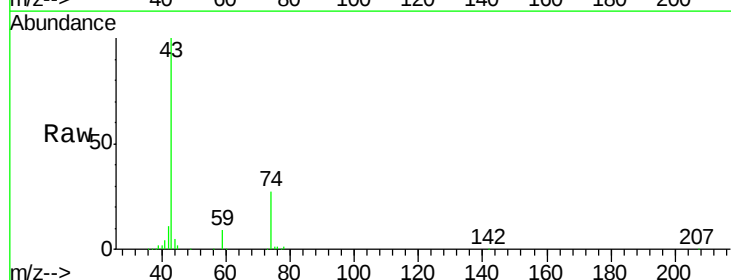
Acq: 29 Oct 2020 16:27

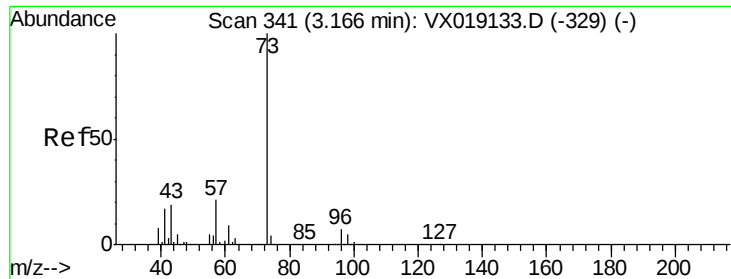
Tgt Ion: 43 Resp: 54899

Ion Ratio Lower Upper

43 100

74 27.4 22.6 33.8





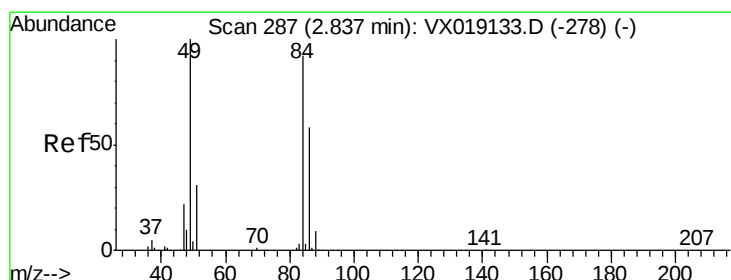
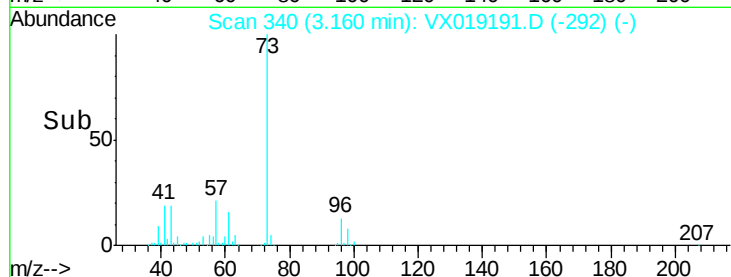
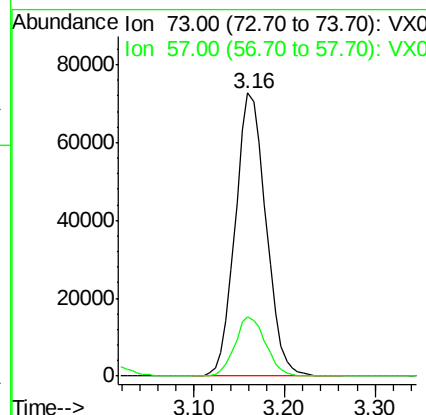
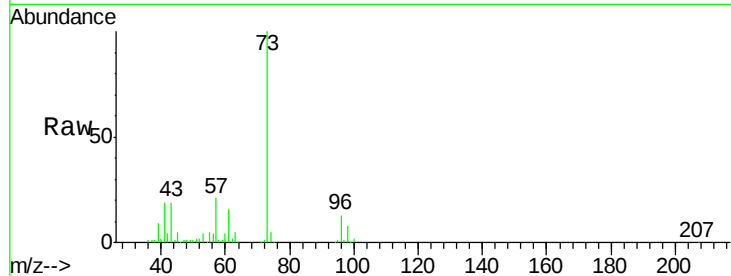
#19
Methvl tert-butvl Ether
Concen: 19.811 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	73	Resp	171090
Ion Ratio	Lower	Upper	
73	100		
57	20.8	16.6	25.0

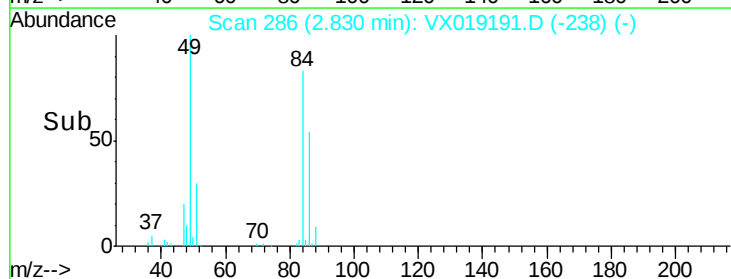
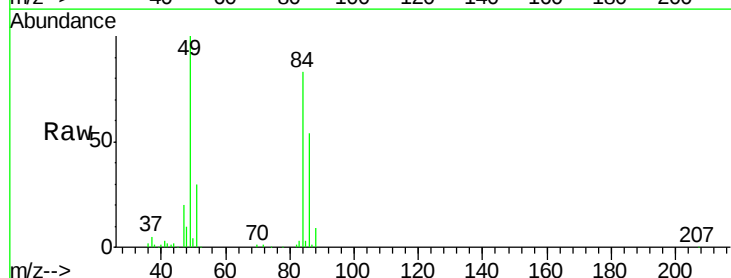
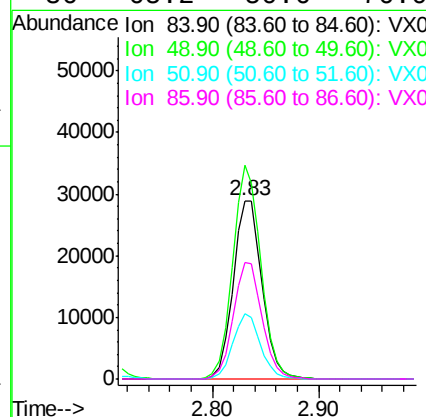
Manual Integrations
APPROVED

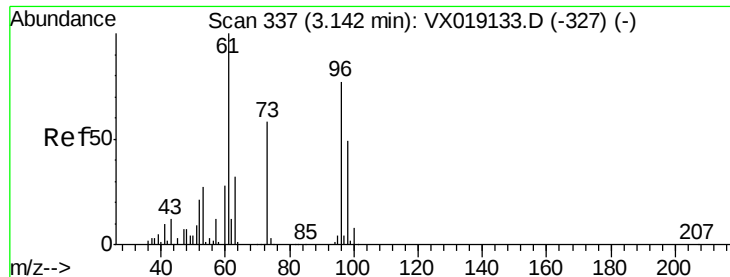
MMDadoda
10/30/2020 12:00:41 PM



#20
Methylene Chloride
Concen: 19.122 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	84	Resp	54926
Ion Ratio	Lower	Upper	
84	100		
49	120.0	86.8	130.2
51	36.5	27.3	40.9
86	65.2	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 19.127 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 96 Resp: 54866

Ion Ratio Lower Upper

96 100

61 133.2 104.2 156.4

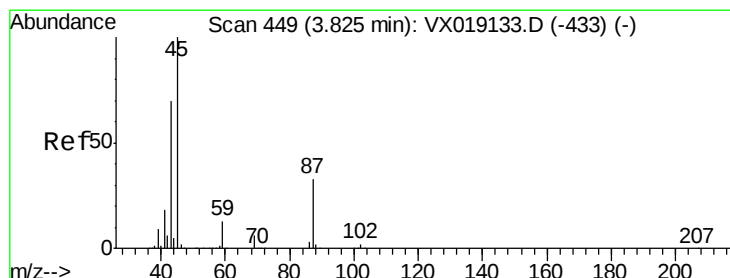
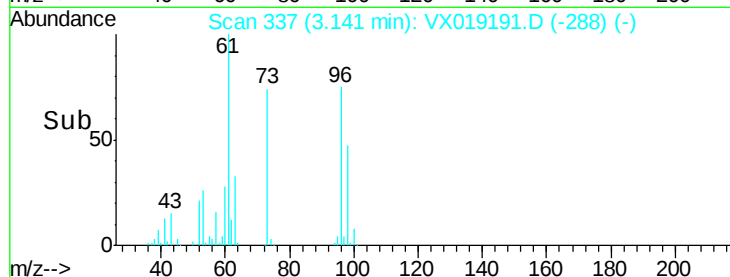
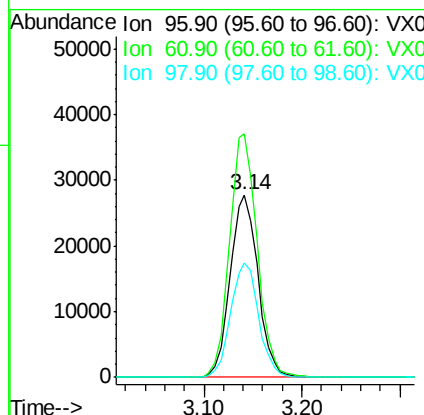
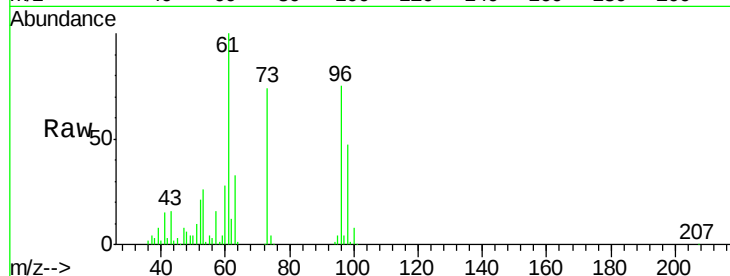
98 62.6 51.3 76.9

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#22

Diisopropyl ether

Concen: 20.661 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion: 45 Resp: 155500

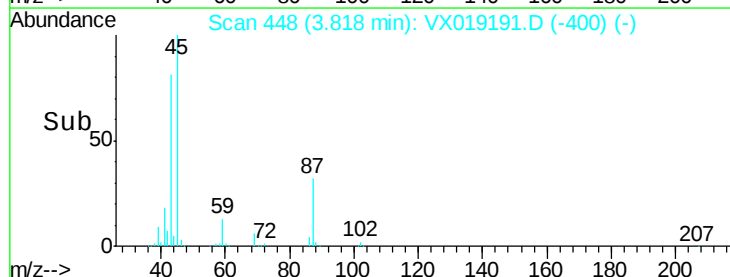
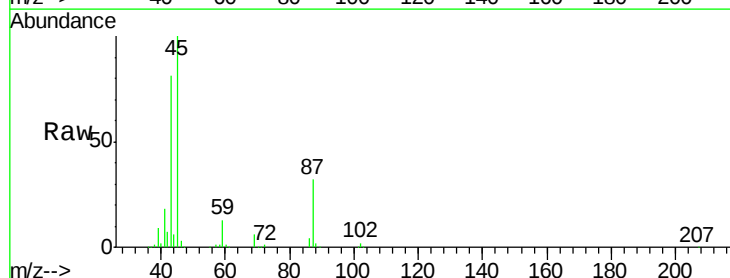
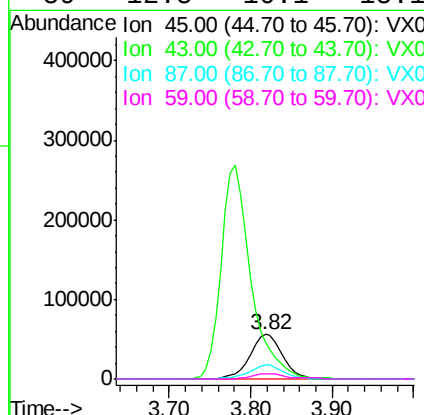
Ion Ratio Lower Upper

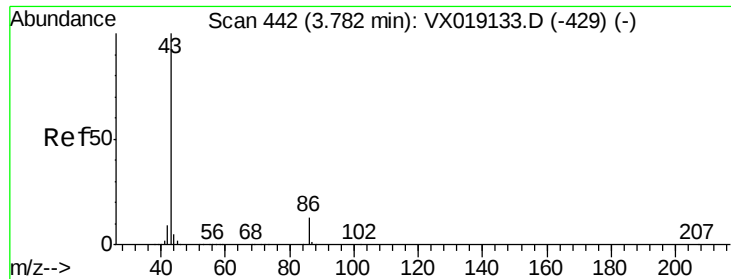
45 100

43 80.3 56.2 84.4

87 32.3 26.2 39.2

59 12.5 10.1 15.1





#23

Vinyl Acetate

Concen: 102.076 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 43 Resp: 685097

Ion Ratio Lower Upper

43 100

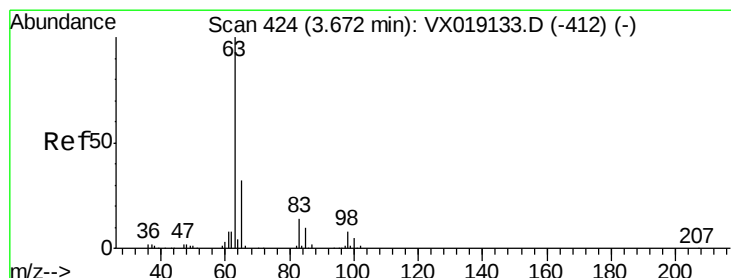
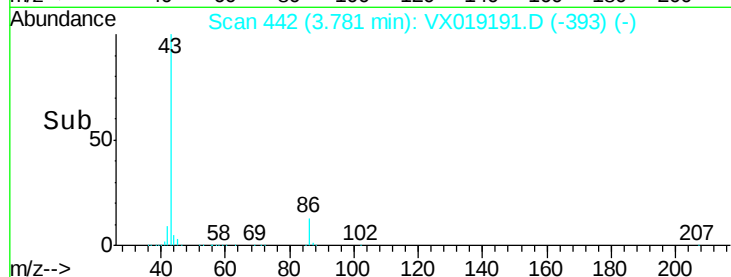
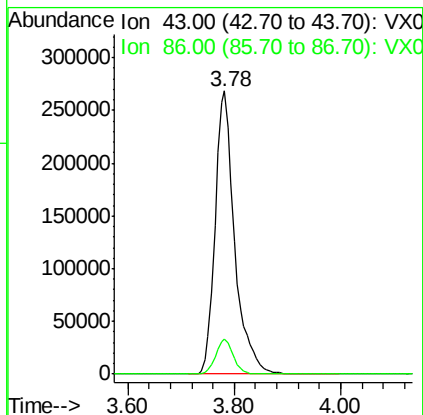
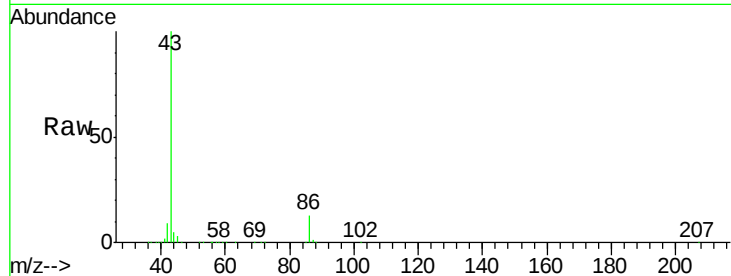
86 12.6 10.4 15.6

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#24

1,1-Dichloroethane

Concen: 19.966 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

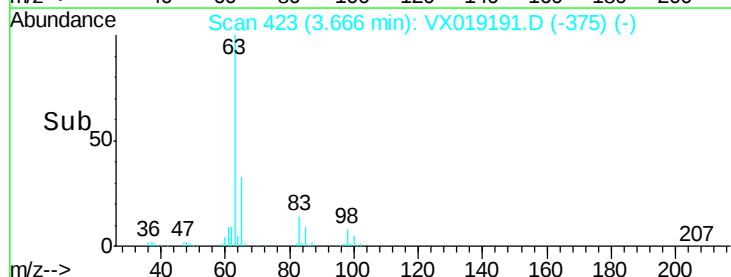
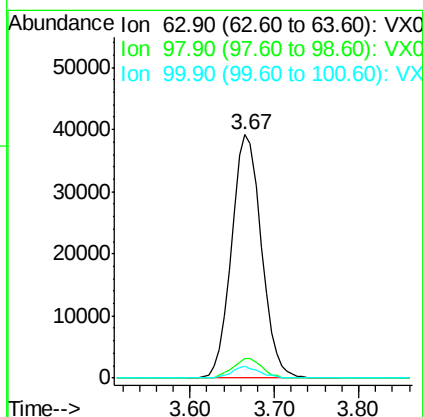
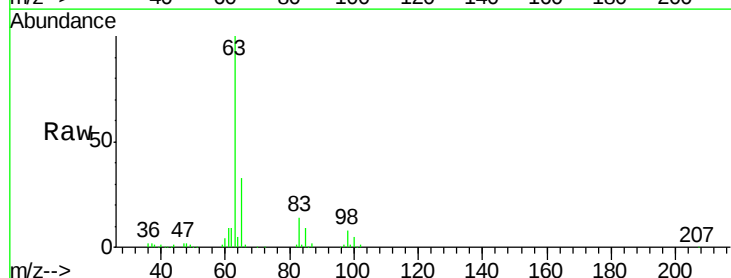
Tgt Ion: 63 Resp: 93825

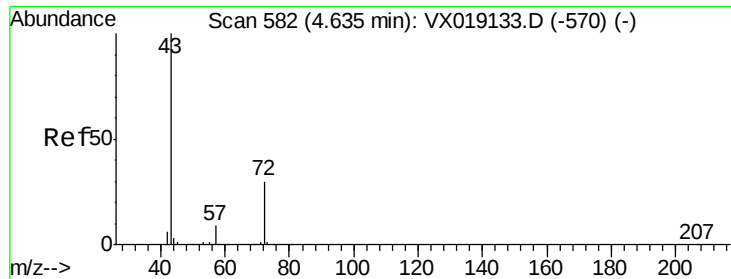
Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 102.364 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 43 Resp: 184575

Ion Ratio Lower Upper

43 100

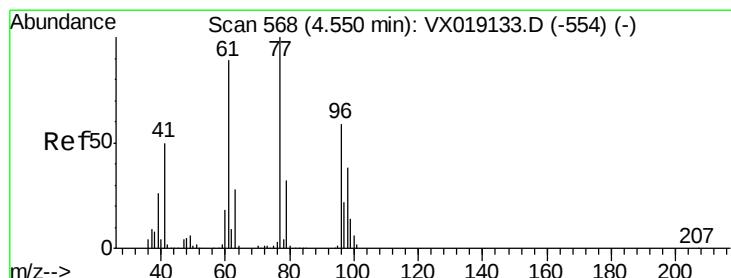
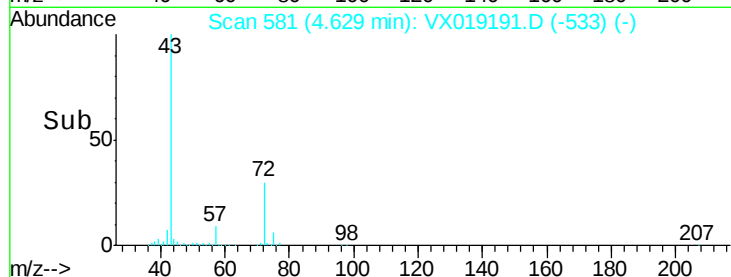
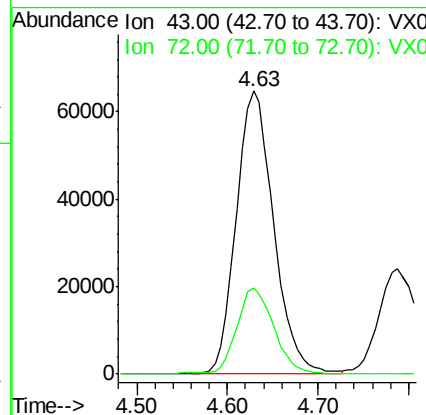
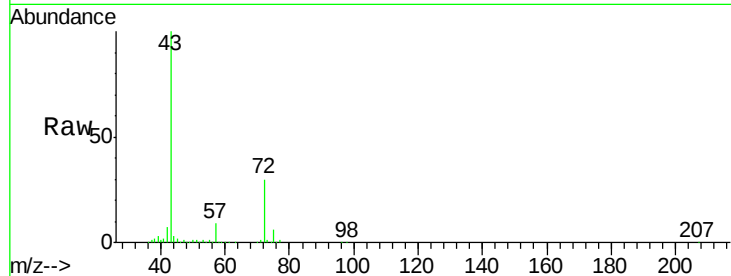
72 30.1 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#26

2,2-Dichloropropane

Concen: 19.893 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019191.D

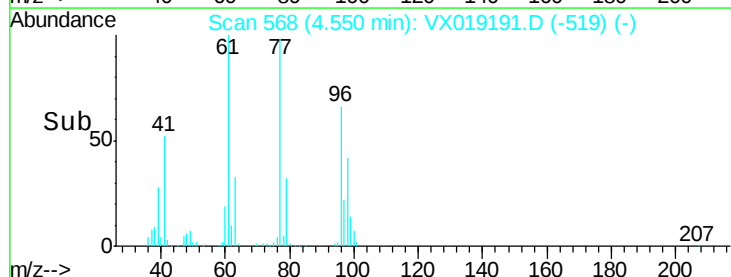
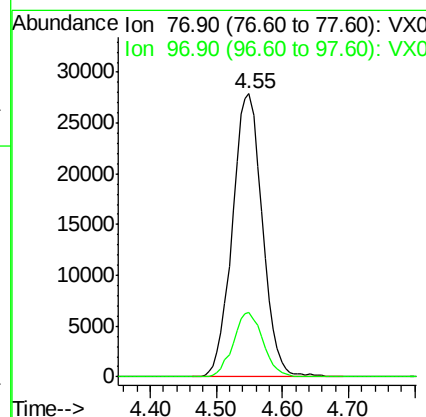
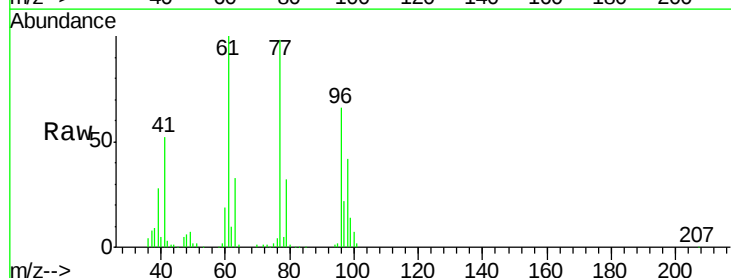
Acq: 29 Oct 2020 16:27

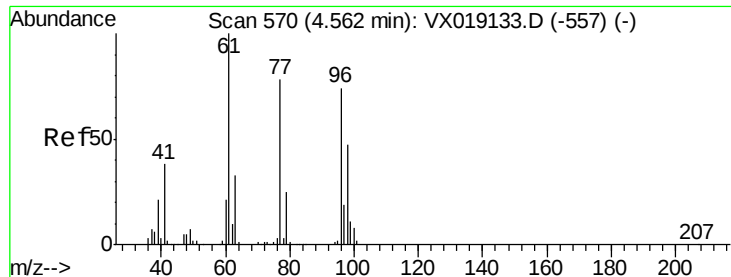
Tgt Ion: 77 Resp: 87879

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

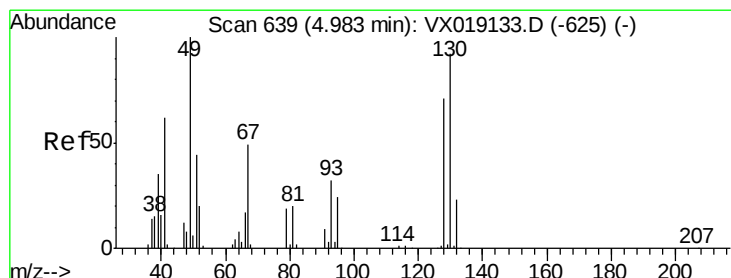
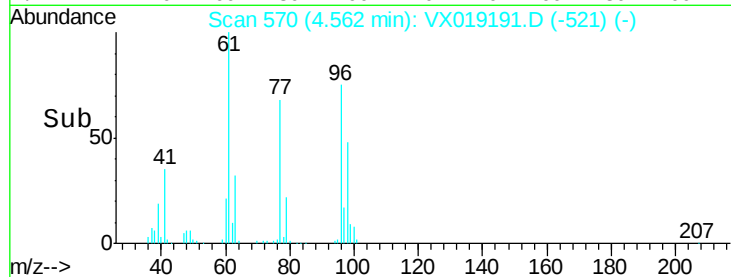
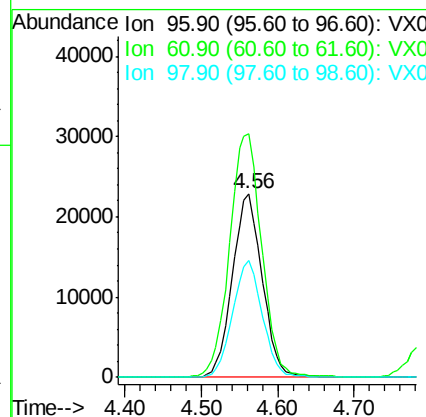
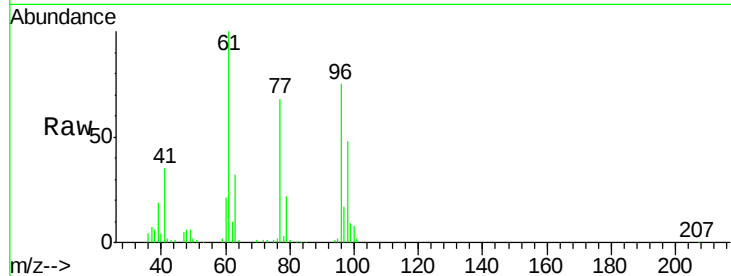
cis-1,2-Dichloroethene
Concen: 19.189 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	61511		
61	143.8	0.0	278.8	
98	63.8	0.0	130.2	

Manual Integrations
APPROVED

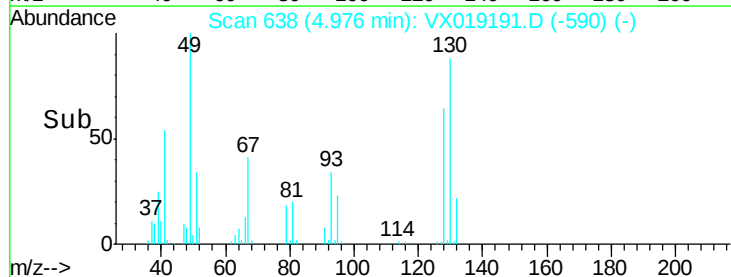
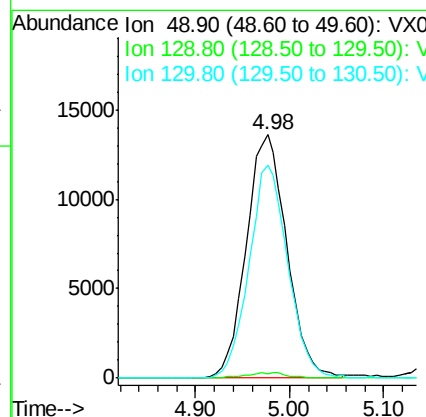
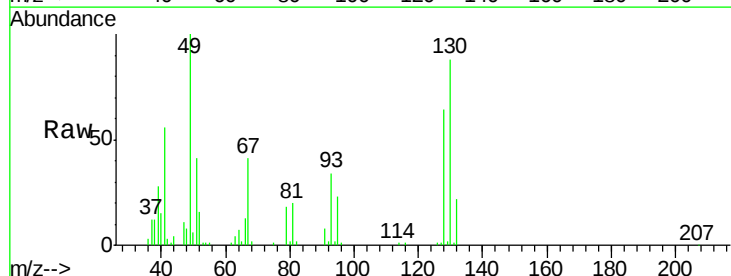
MMDadoda
10/30/2020 12:00:41 PM

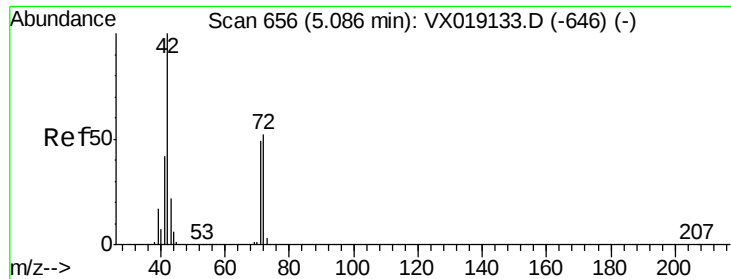


#28

Bromochloromethane
Concen: 19.139 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	40886		
129	2.2	0.0	4.4	
130	84.3	71.3	106.9	





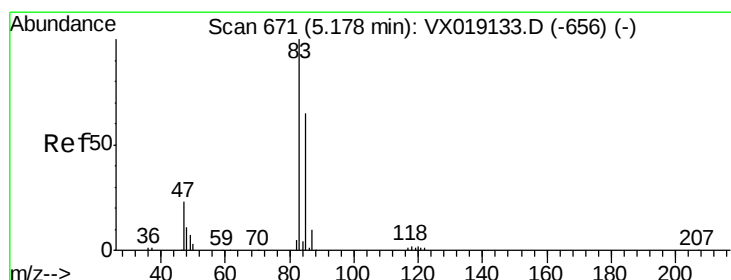
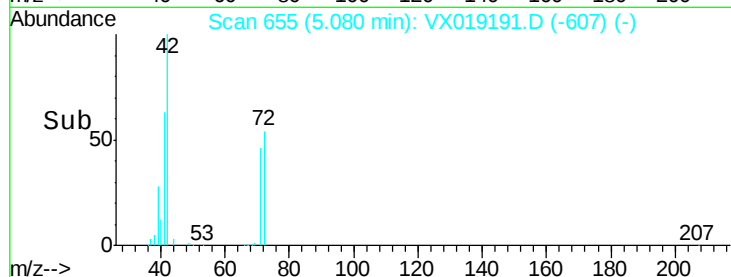
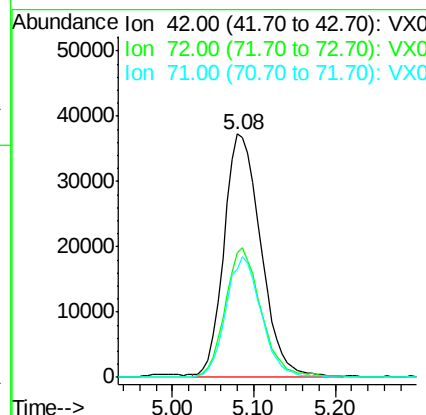
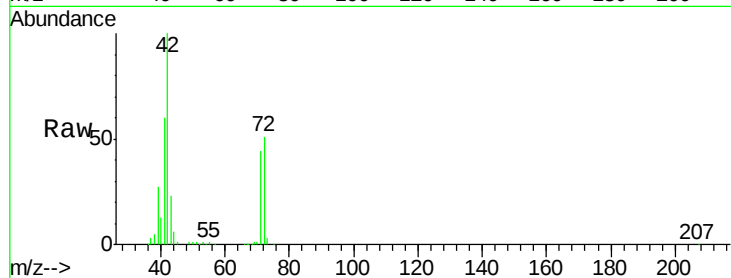
#29
Tetrahydrofuran
Concen: 101.992 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	115895		
72	52.6		42.6	63.8
71	48.2		39.7	59.5

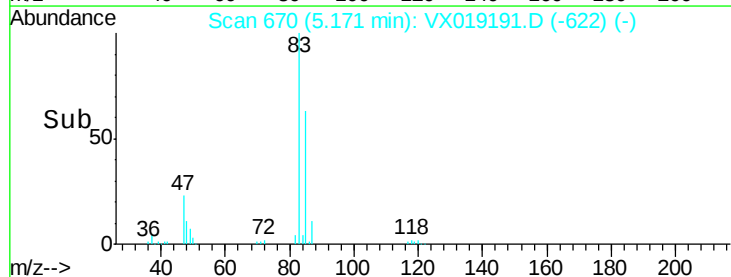
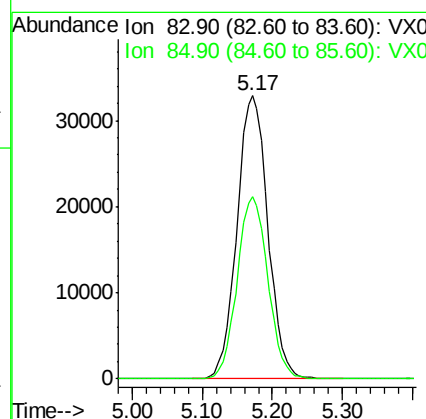
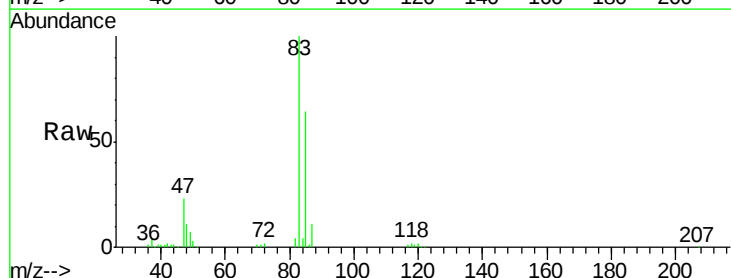
Manual Integrations
APPROVED

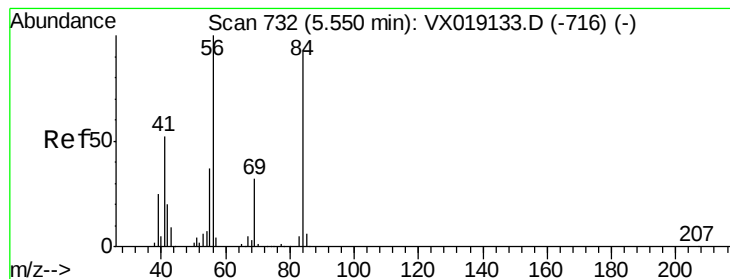
MMDadoda
10/30/2020 12:00:41 PM



#30
Chloroform
Concen: 20.117 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	100623		
85	64.2		51.9	77.9





#31

Cyclohexane

Concen: 19.785 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

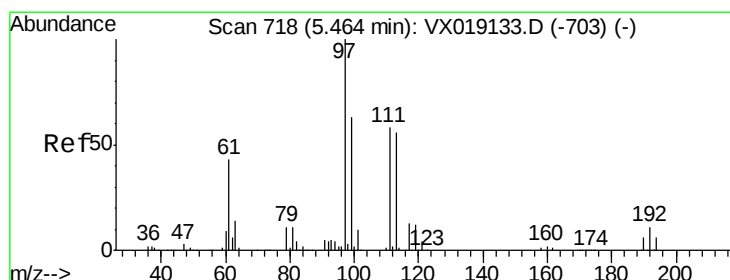
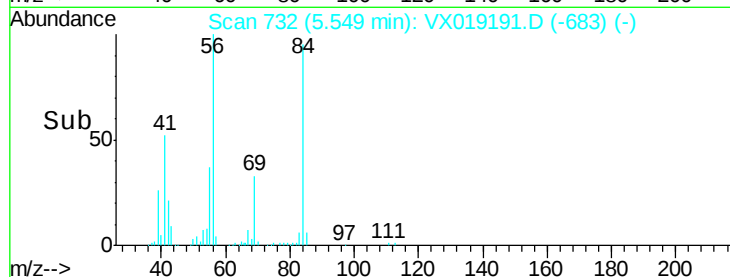
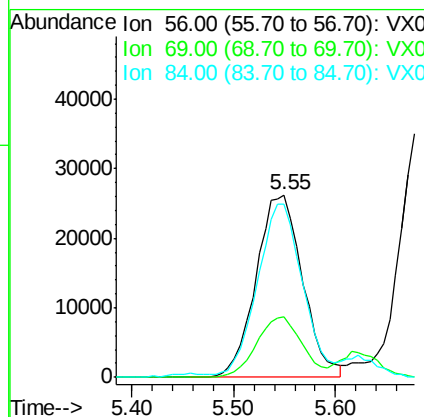
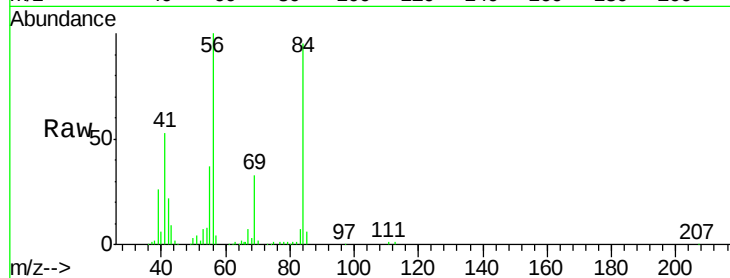
ClientSampleId :

VX1031WBS01

Tot Ion:	56	Resp:	82941
Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.9	38.9
84	92.7	73.4	110.2

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#32

1,1,1-Trichloroethane

Concen: 19.838 ug/l

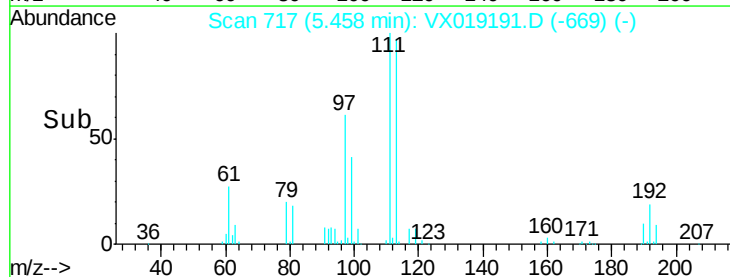
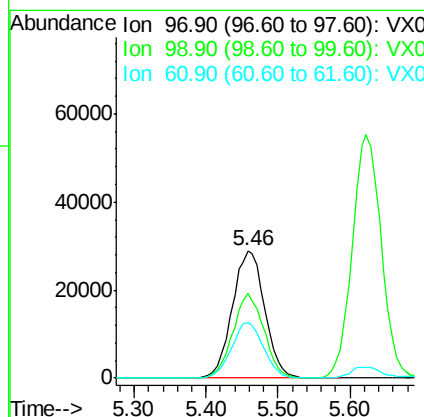
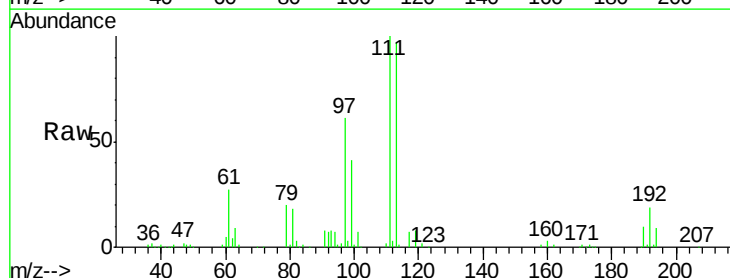
RT: 5.46 min Scan# 717

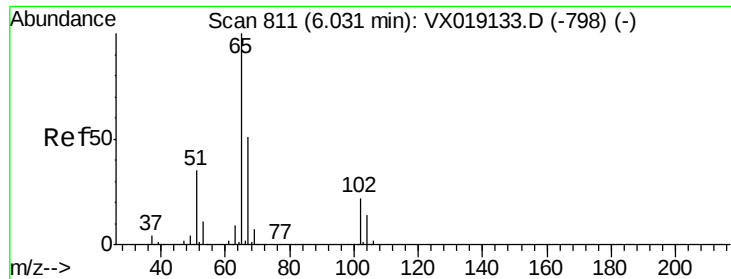
Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion:	97	Resp:	89963
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	43.6	34.2	51.2





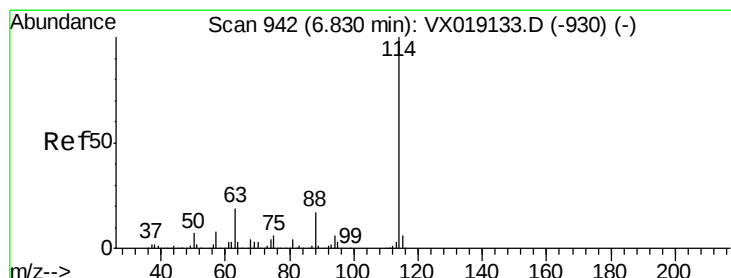
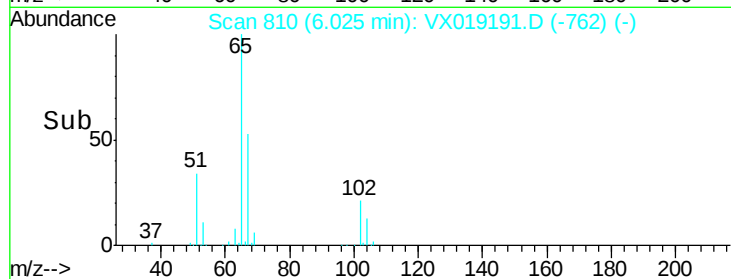
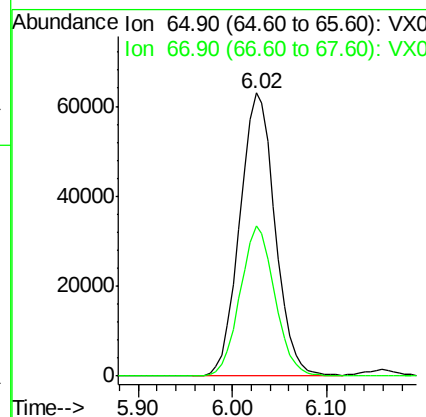
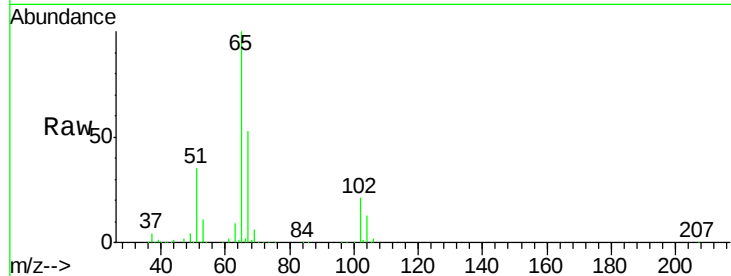
#33
 1,2-Dichloroethane-d4
 Concen: 49.688 ug/l
 RT: 6.02 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	164786		
67	52.1	0.0	103.0	

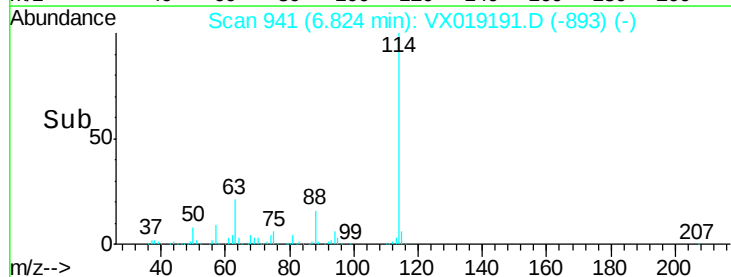
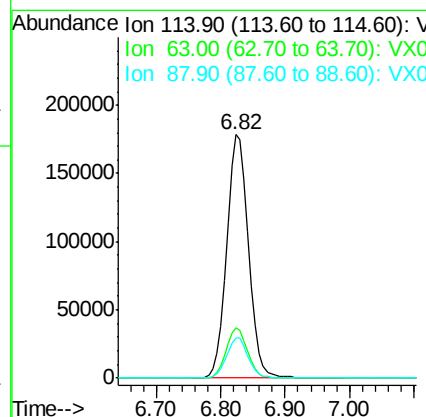
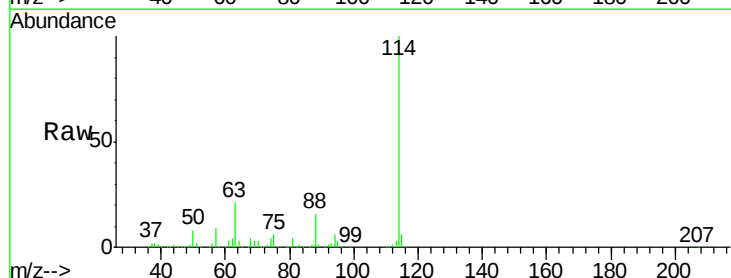
Manual Integrations
 APPROVED

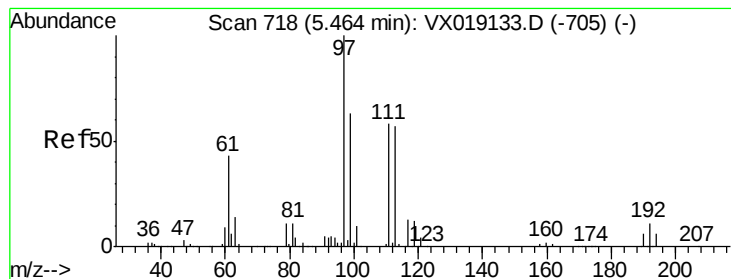
MMDadoda
 10/30/2020 12:00:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	426284		
63	20.8	0.0	38.8	
88	16.4	0.0	34.2	





#35

Dibromofluoromethane

Concen: 48.871 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

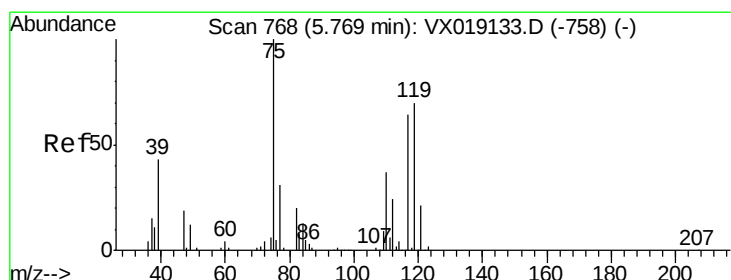
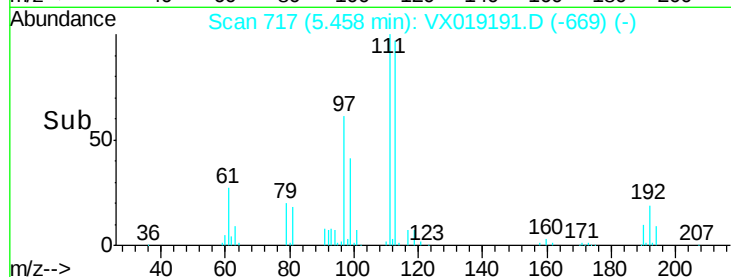
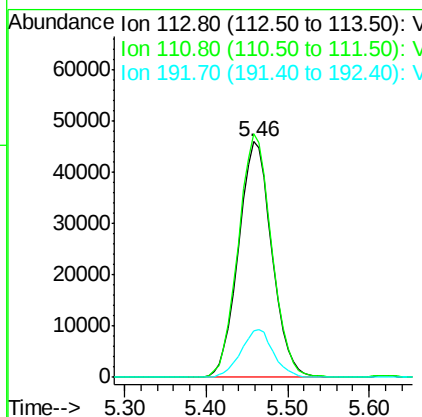
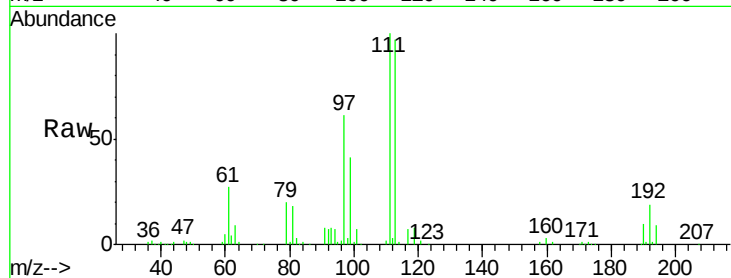
ClientSampleId :

VX1031WBS01

Tot Ion:	113	Resp:	130860
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.3	123.5
192	19.9	16.2	24.2

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#36

1,1-Dichloropropene

Concen: 19.259 ug/l

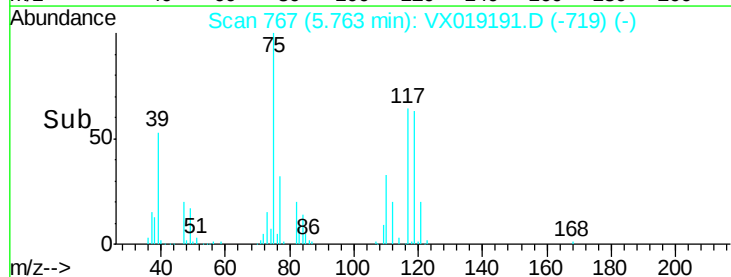
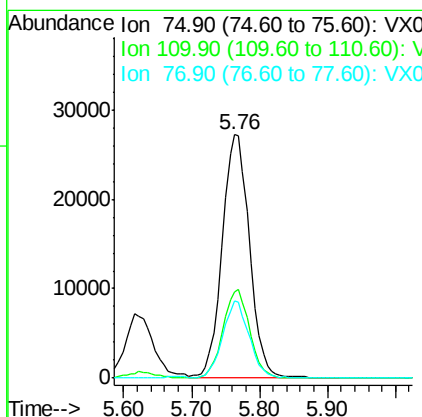
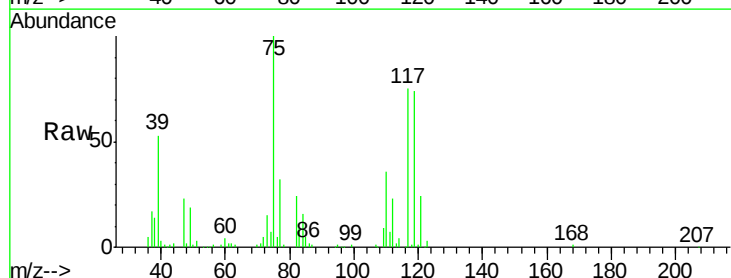
RT: 5.76 min Scan# 767

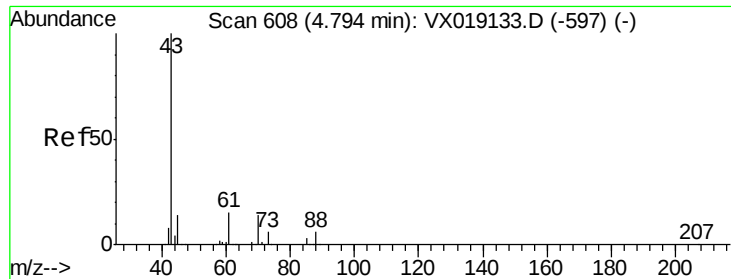
Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion:	75	Resp:	75810
Ion Ratio	Lower	Upper	
75	100		
110	35.3	18.3	54.9
77	30.5	24.9	37.3





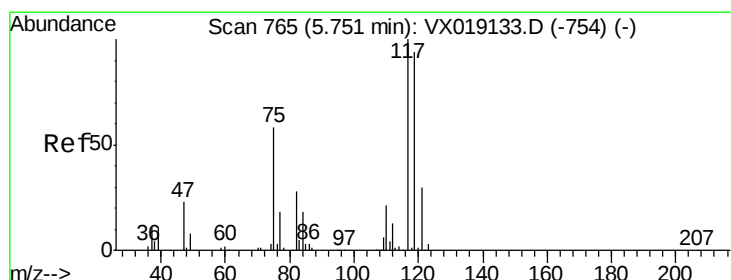
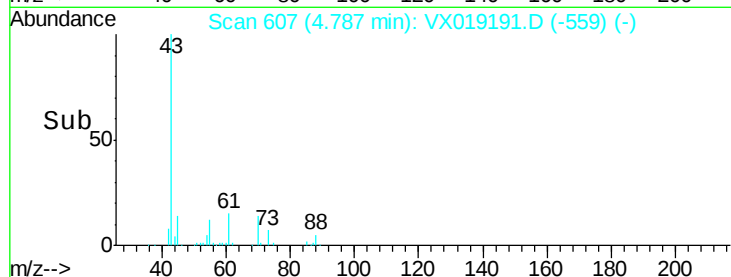
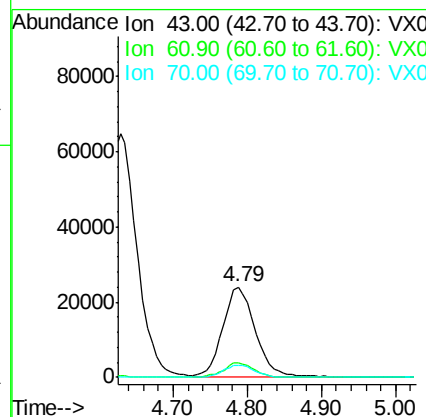
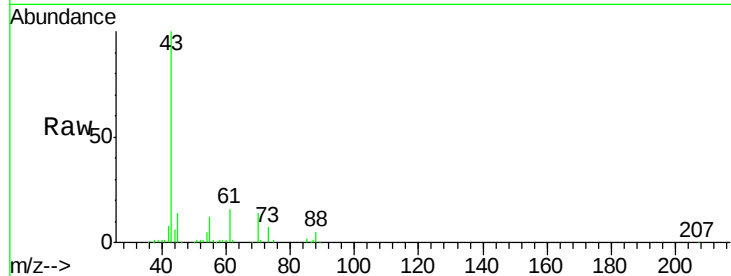
#37
Ethyl Acetate
Concen: 19.874 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	12.9	10.5	15.7

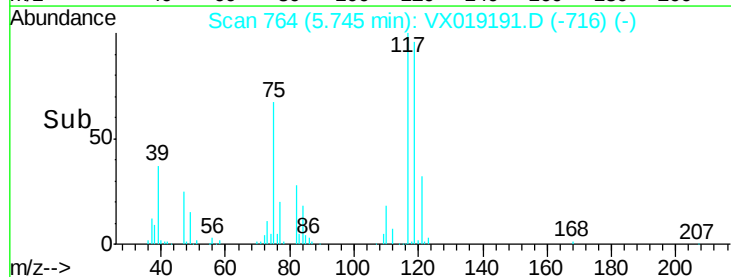
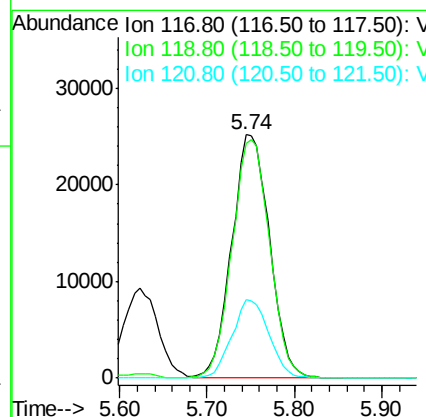
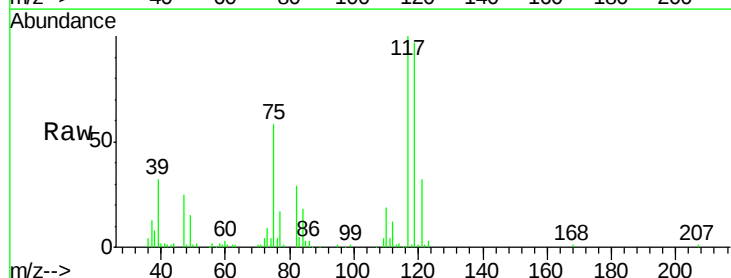
Manual Integrations
APPROVED

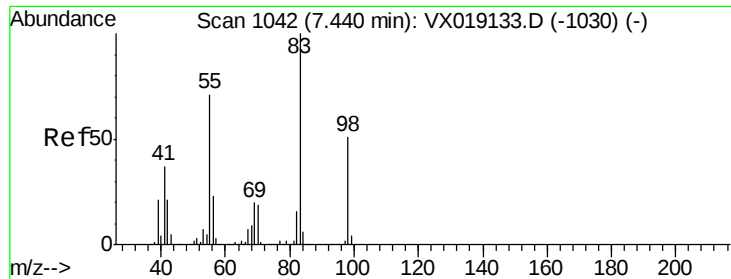
MMDadoda
10/30/2020 12:00:41 PM



#38
Carbon Tetrachloride
Concen: 18.889 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.0	112.6
121	32.2	23.9	35.9





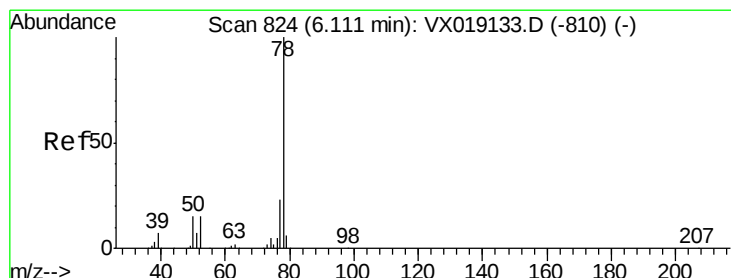
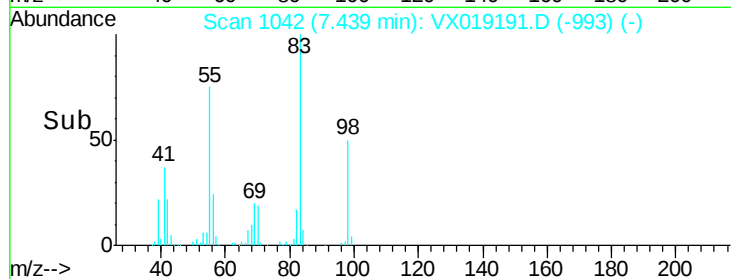
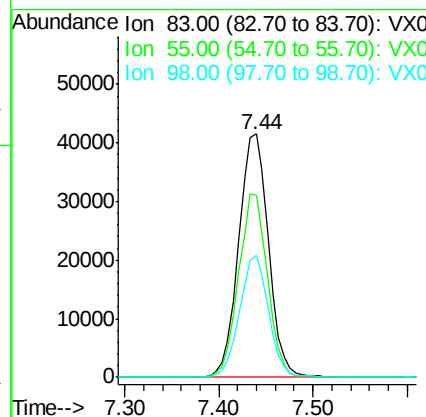
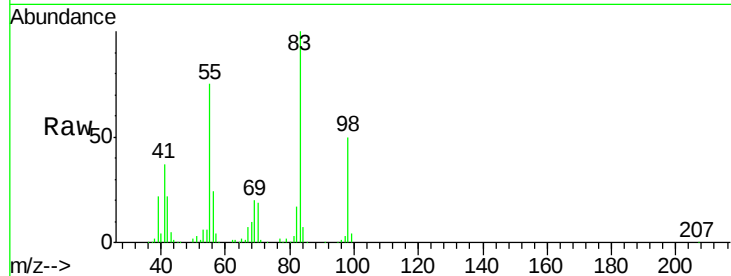
#39
Methvlcvclohexane
Concen: 19.470 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	57.0	85.6
98	50.3	40.5	60.7

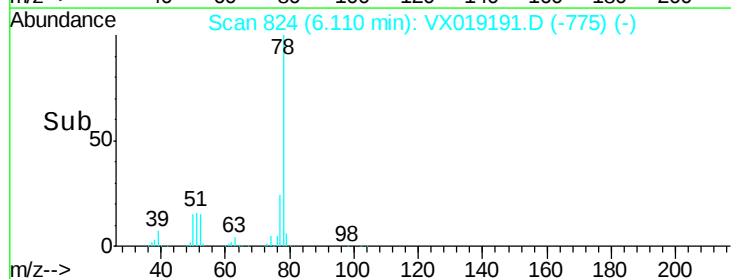
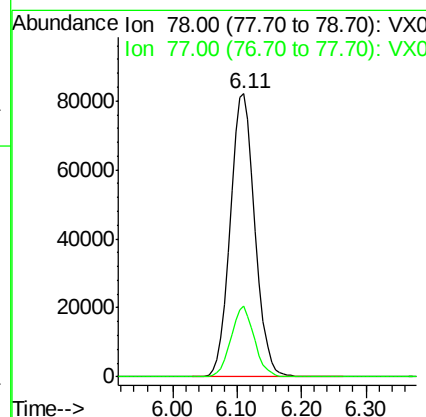
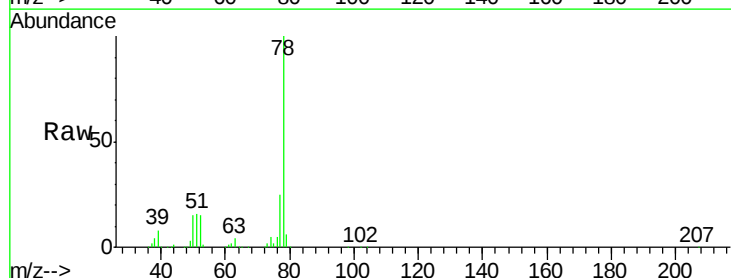
Manual Integrations
APPROVED

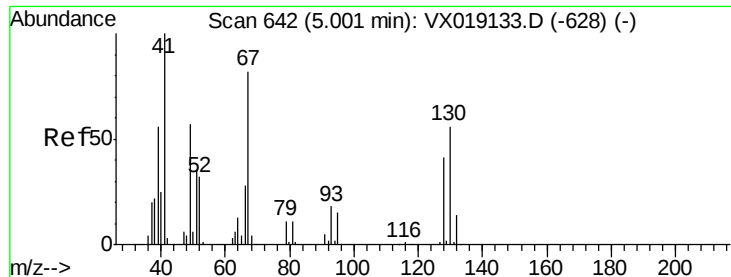
MMDadoda
10/30/2020 12:00:41 PM



#40
Benzene
Concen: 19.782 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.7	28.1





#41

Methacrylonitrile

Concen: 20.151 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

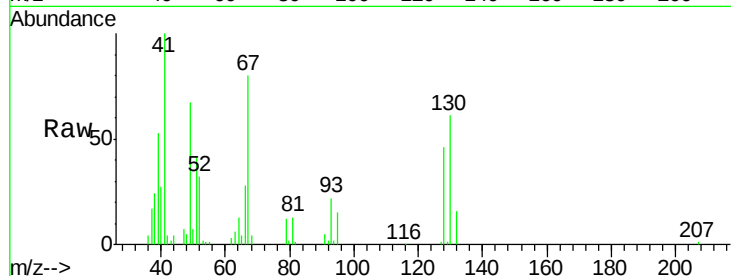
ClientSampleId :

VX1031WBS01

Tot Ion	Ion	Ratio	Lower	Upper
39663	41	100		
	39	55.2	44.4	66.6
	67	79.4	66.4	99.6
	52	31.7	26.2	39.4

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM

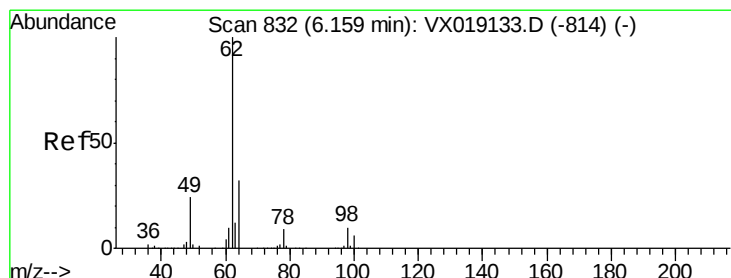
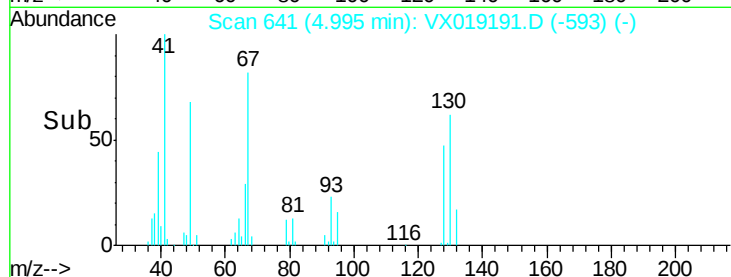
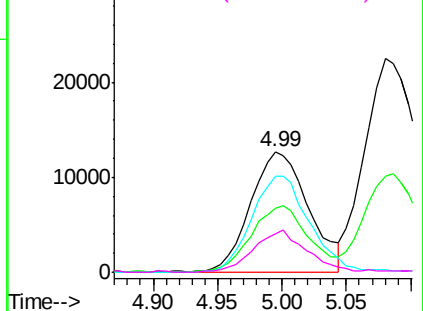


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.510 ug/l

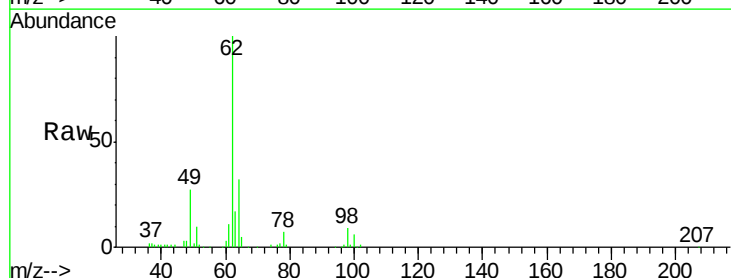
RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019191.D

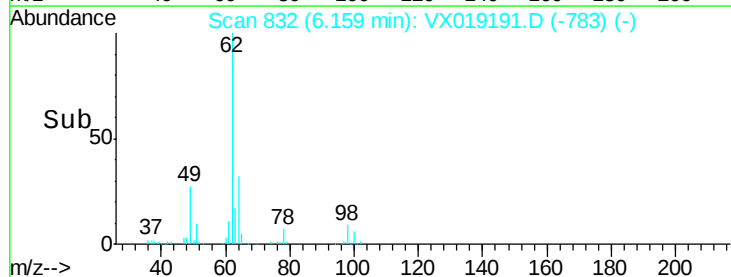
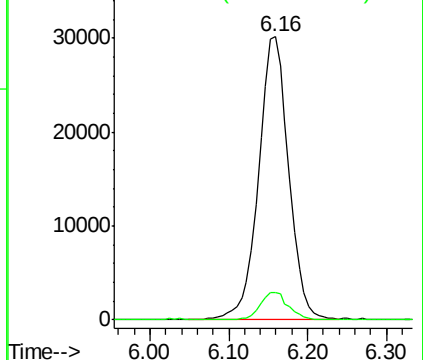
Acq: 29 Oct 2020 16:27

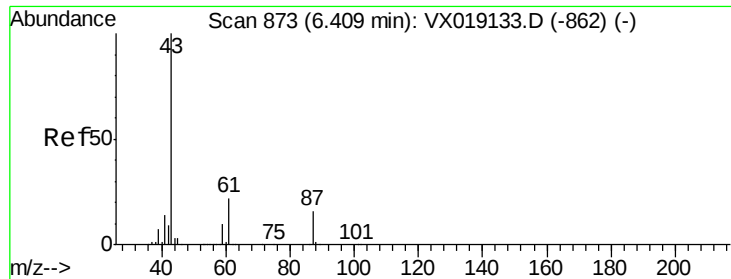
Tgt Ion	Ion	Ratio	Lower	Upper
80251	62	100		
	98	9.2	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

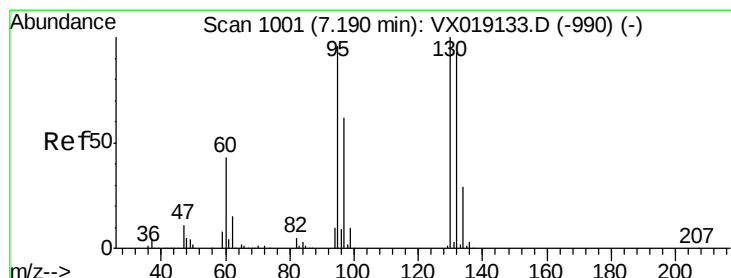
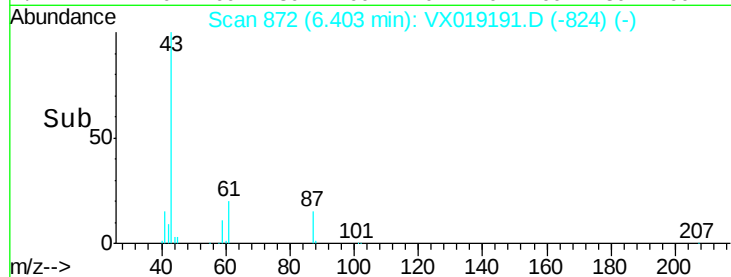
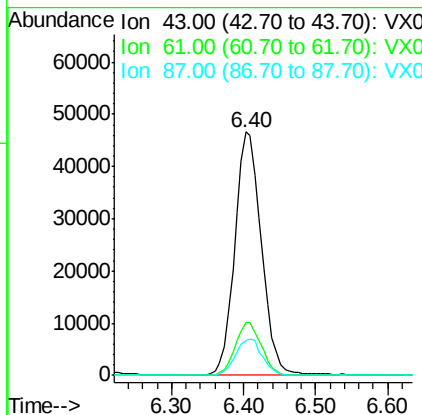
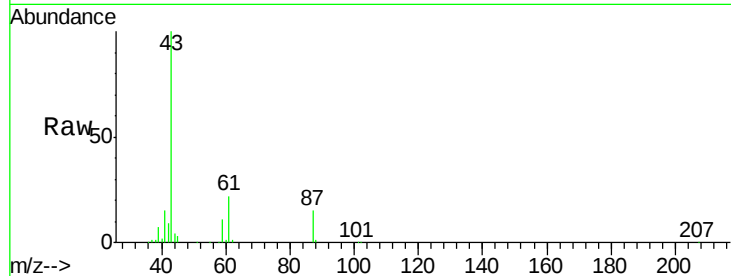
Isopropyl Acetate
 Concen: 19.433 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.8	26.6
87	15.2	12.6	19.0

Manual Integrations
 APPROVED

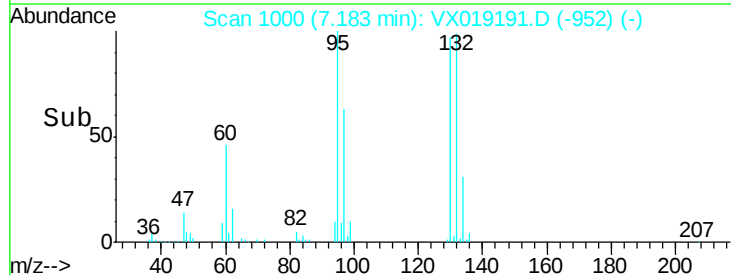
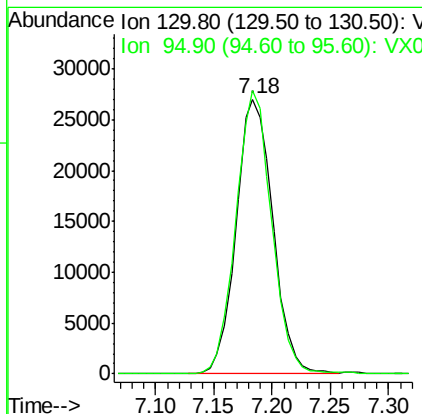
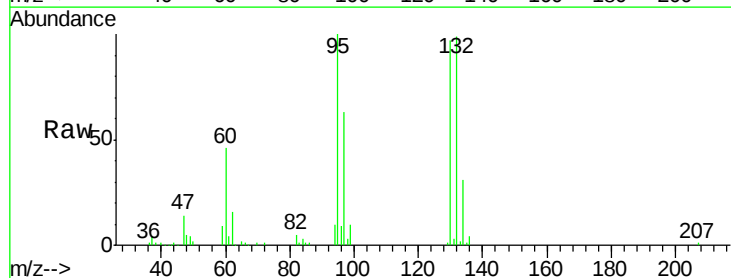
MMDadoda
 10/30/2020 12:00:41 PM

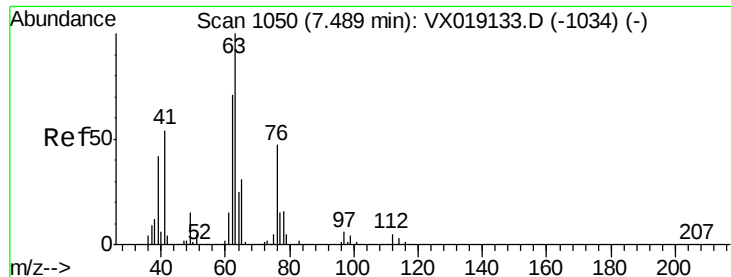


#44

Trichloroethene
 Concen: 18.583 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 20.143 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampled :

VX1031WBS01

Tot Ion: 63 Resp: 55065

Ion Ratio Lower Upper

63 100

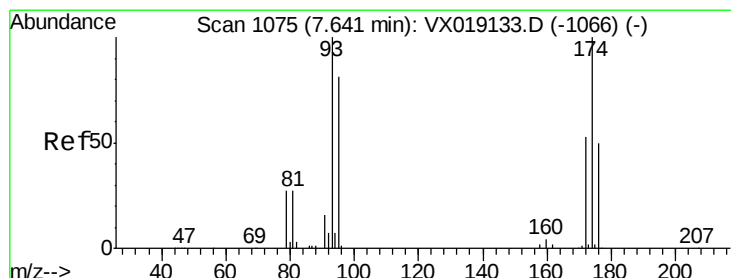
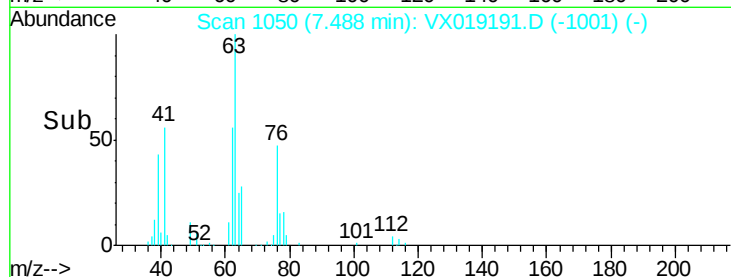
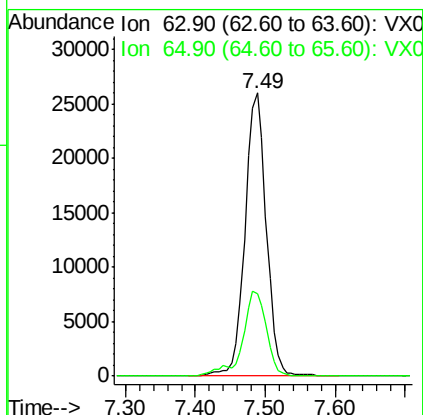
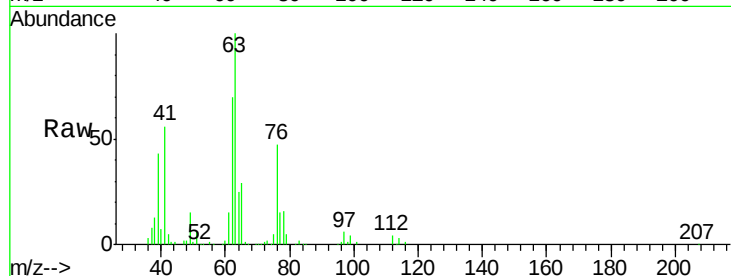
65 28.9 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#46

Dibromomethane

Concen: 19.205 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

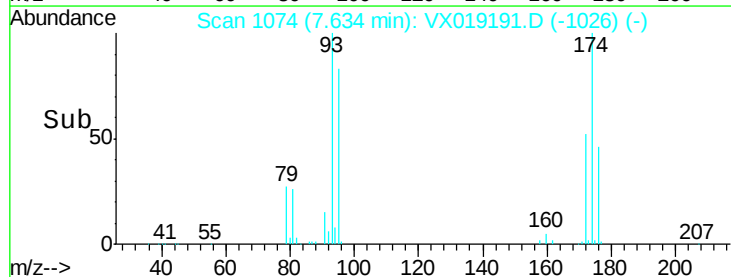
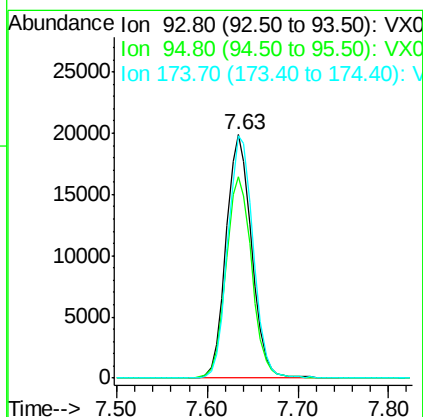
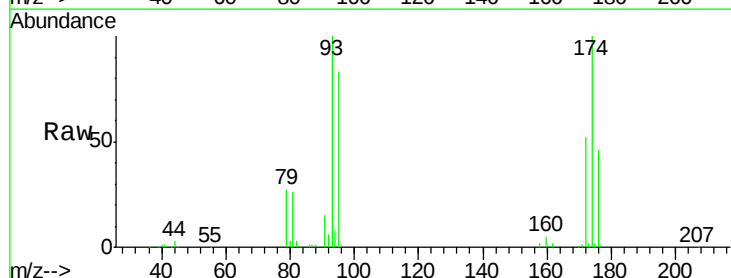
Tgt Ion: 93 Resp: 38823

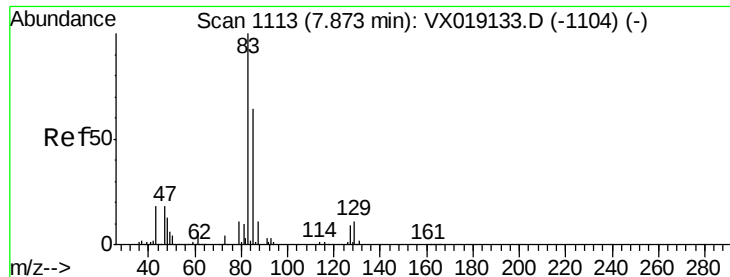
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 98.7 81.7 122.5





#47

Bromodichloromethane

Concen: 19.388 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

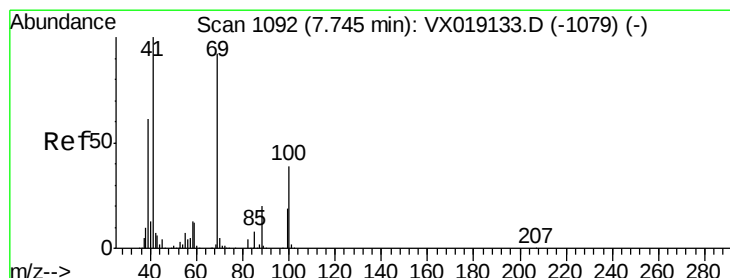
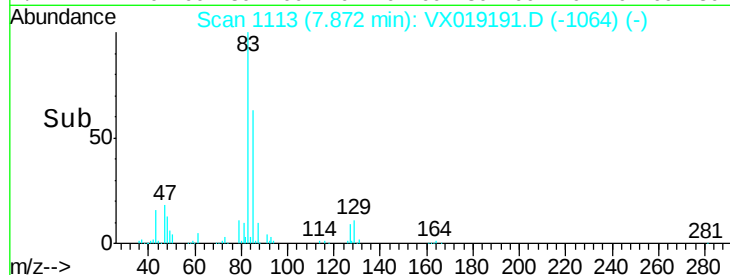
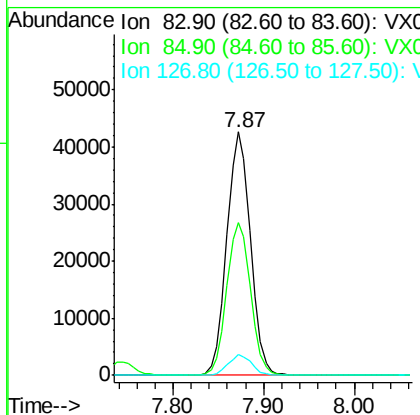
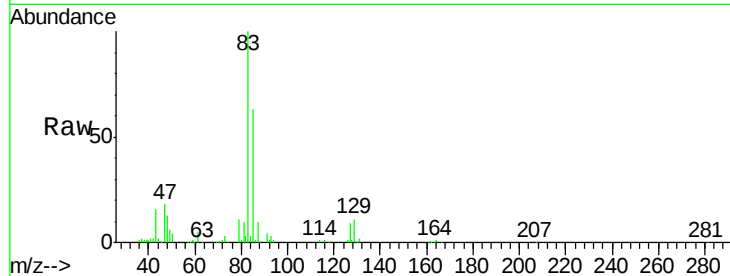
ClientSampleId :

VX1031WBS01

Tot Ion:	83	Resp:	77252
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8
127	8.7	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#48

Methyl methacrylate

Concen: 19.497 ug/l

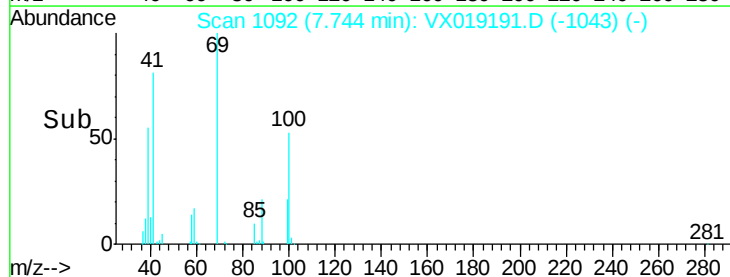
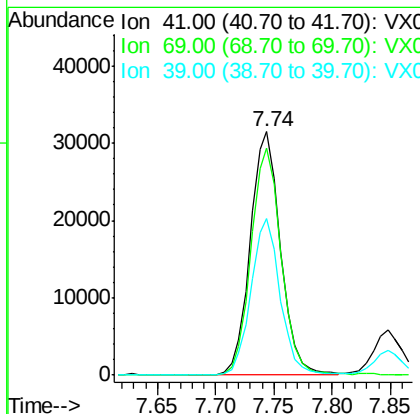
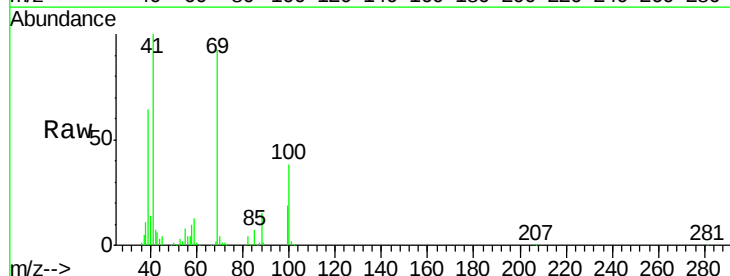
RT: 7.74 min Scan# 1092

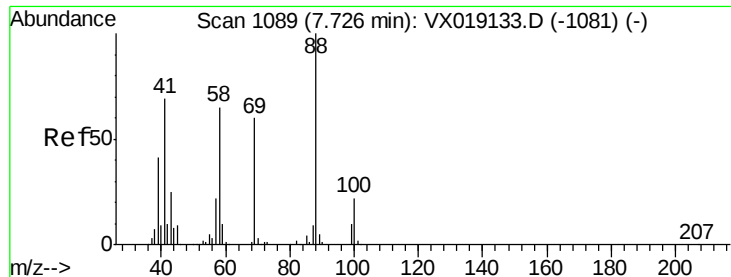
Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion:	41	Resp:	57429
Ion	Ratio	Lower	Upper
41	100		
69	93.3	75.5	113.3
39	61.2	48.9	73.3





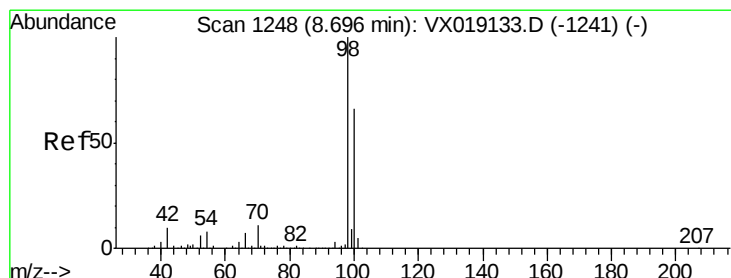
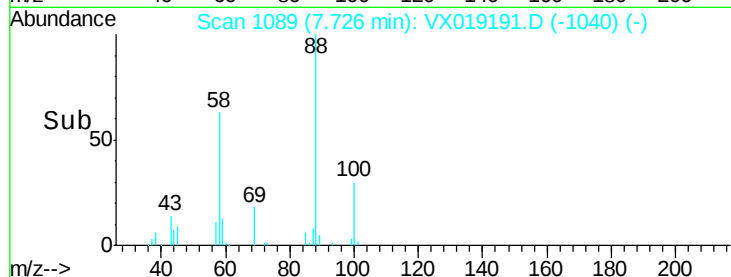
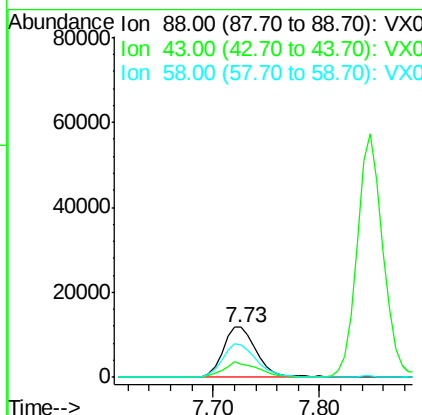
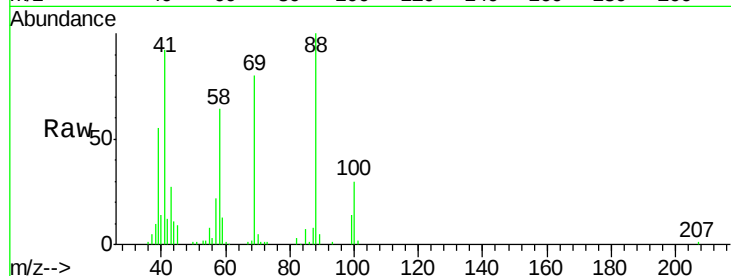
#49
1,4-Dioxane
Concen: 398.458 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	23.0	34.6
58	67.4	52.2	78.2

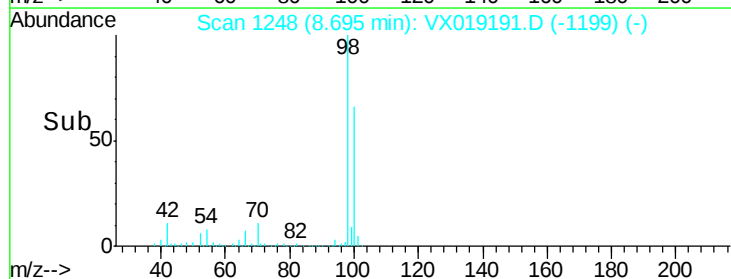
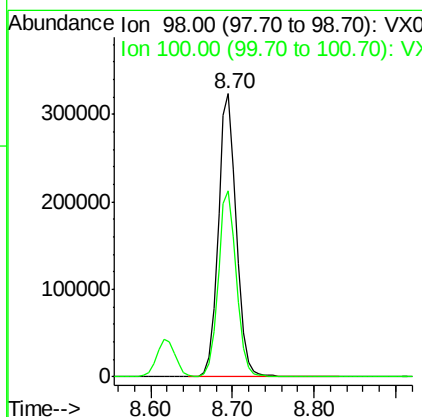
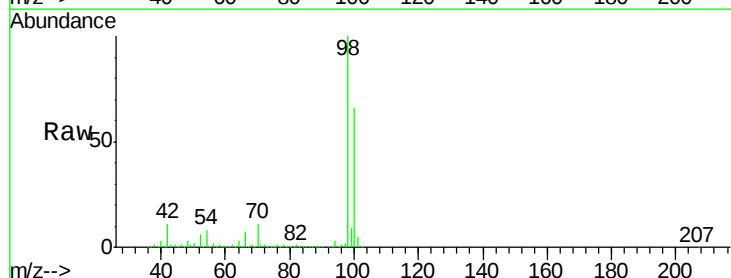
Manual Integrations
APPROVED

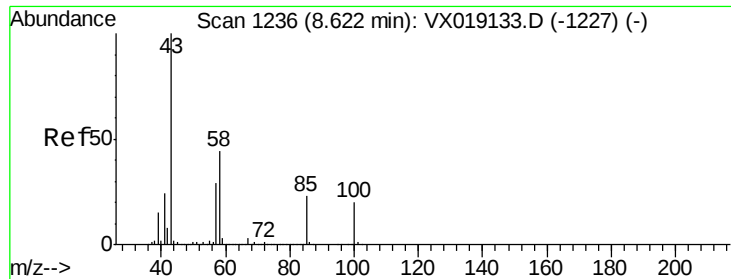
MMDadoda
10/30/2020 12:00:41 PM



#50
Toluene-d8
Concen: 49.558 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6





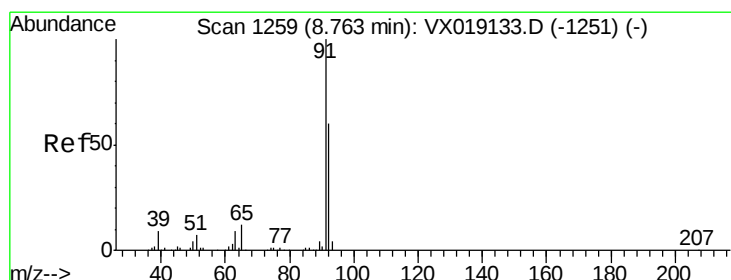
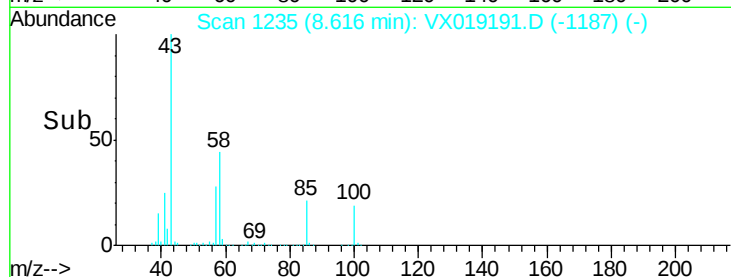
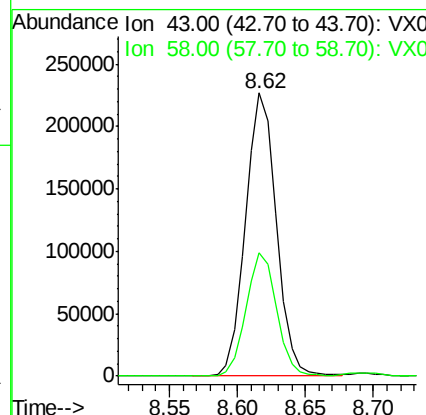
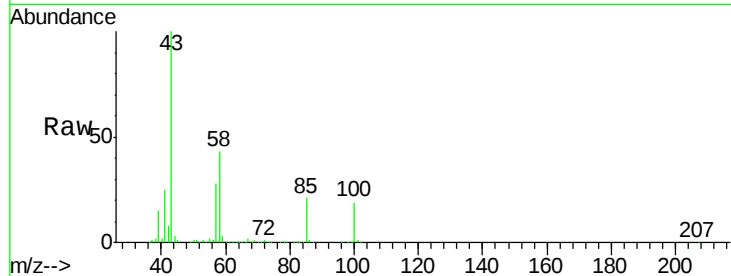
#51
 4-Methyl-2-Pentanone
 Concen: 102.440 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion	43	Resp	360316
Ion Ratio	100	Lower	Upper
58	42.9	35.0	52.4

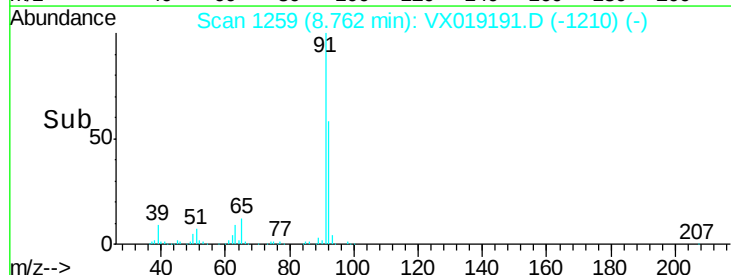
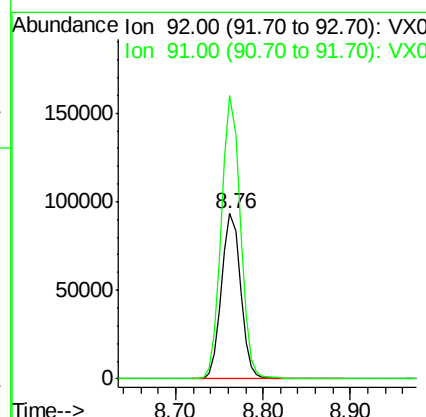
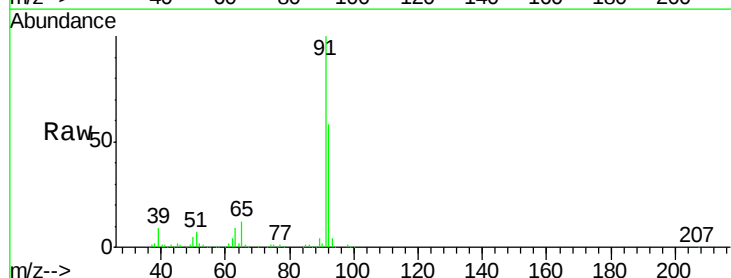
Manual Integrations
 APPROVED

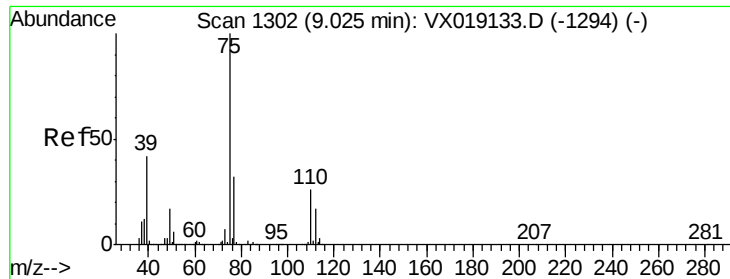
MMDadoda
 10/30/2020 12:00:41 PM



#52
 Toluene
 Concen: 19.813 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion	92	Resp	142420
Ion Ratio	100	Lower	Upper
91	169.9	136.3	204.5





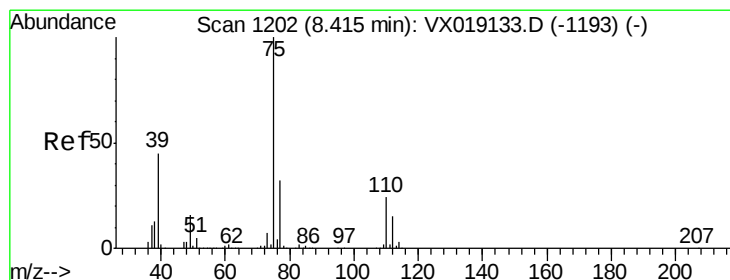
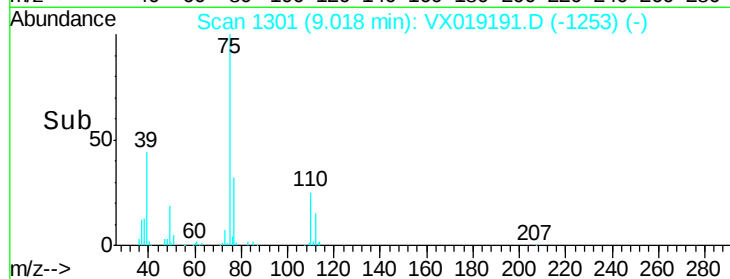
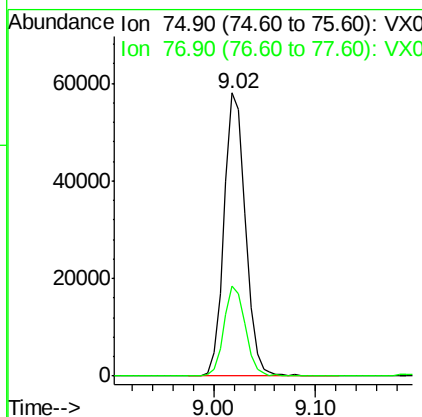
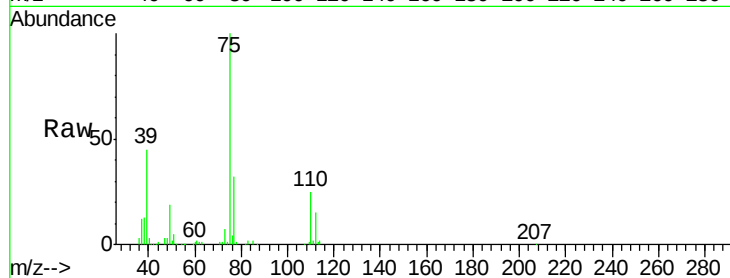
#53
t-1,3-Dichloropropene
Concen: 18.591 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion: 75 Resp: 84608
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

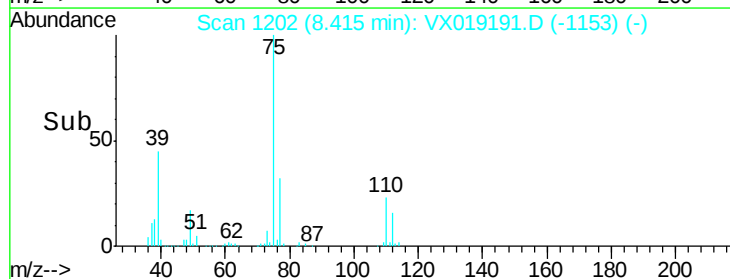
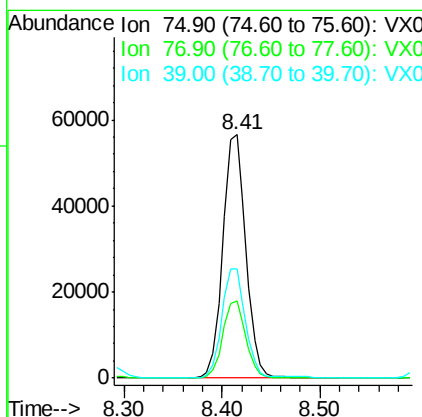
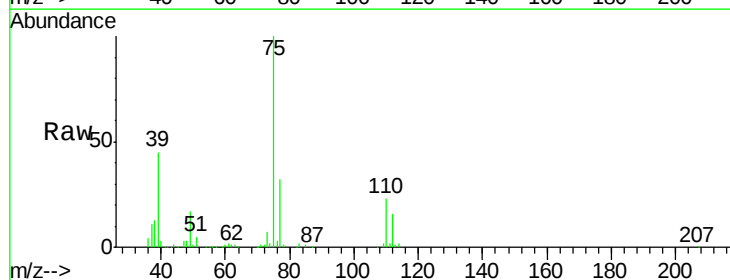
Manual Integrations
APPROVED

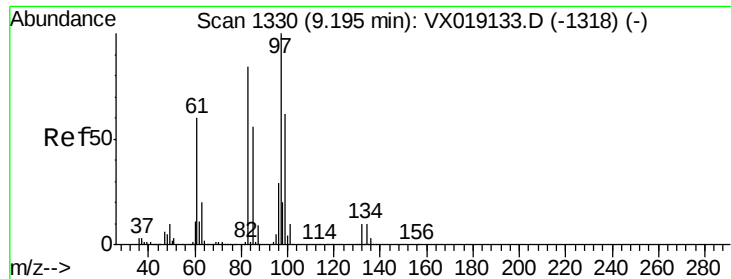
MMDadoda
10/30/2020 12:00:41 PM



#54
cis-1,3-Dichloropropene
Concen: 19.252 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion: 75 Resp: 92133
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 44.9 36.2 54.2





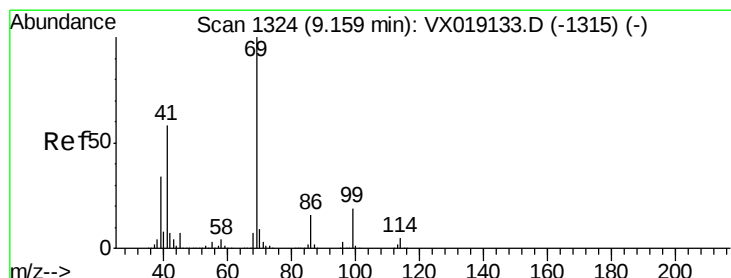
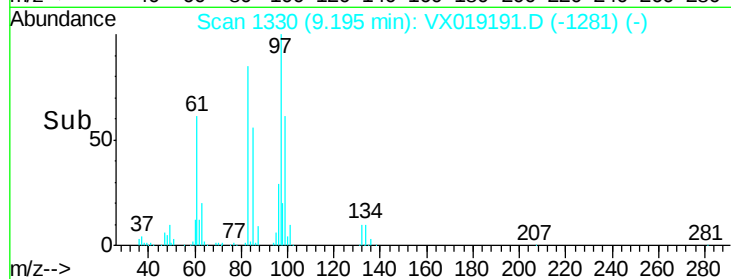
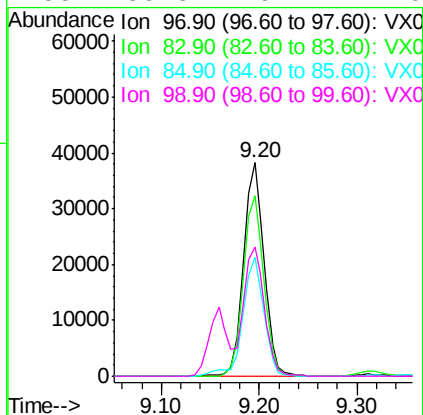
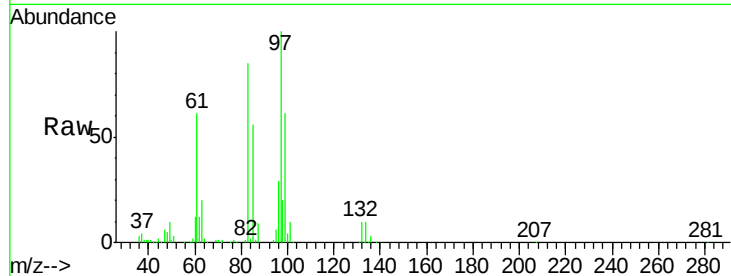
#55
 1,1,2-Trichloroethane
 Concen: 19.595 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		55655		
83	84.7	67.2	100.8		
85	56.0	44.6	67.0		
99	60.6	49.4	74.0		

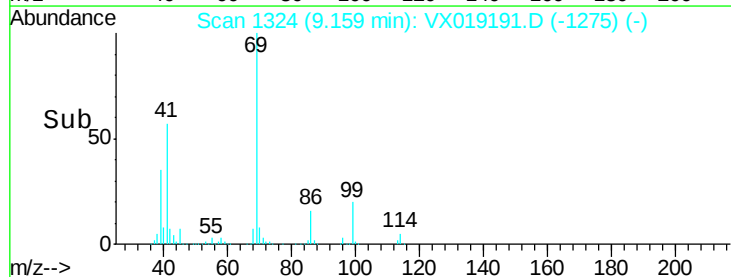
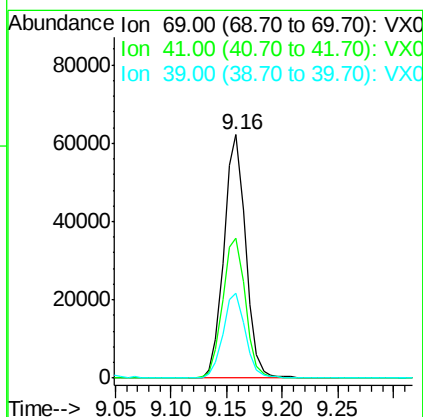
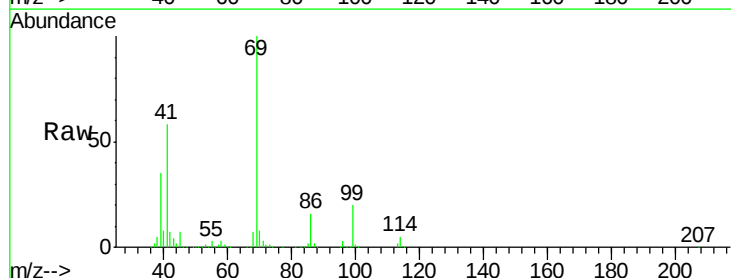
Manual Integrations
 APPROVED

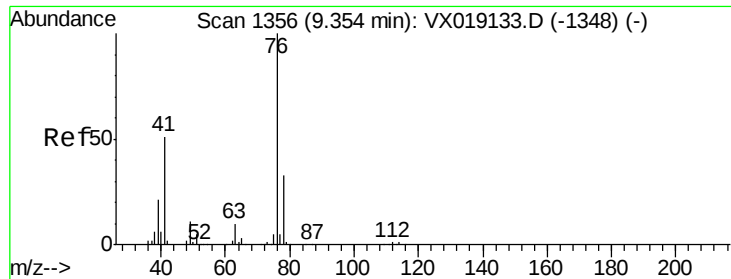
MMDadoda
 10/30/2020 12:00:41 PM



#56
 Ethyl methacrylate
 Concen: 19.662 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		84352		
41	60.5	46.5	69.7		
39	35.4	27.6	41.4		





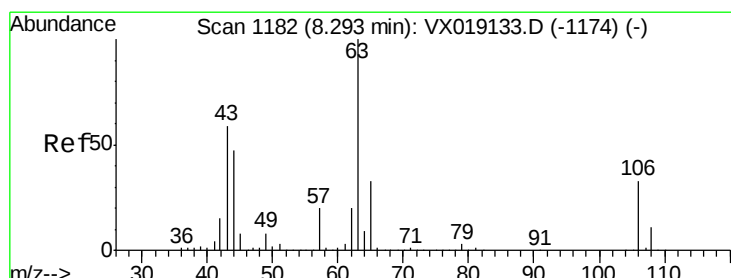
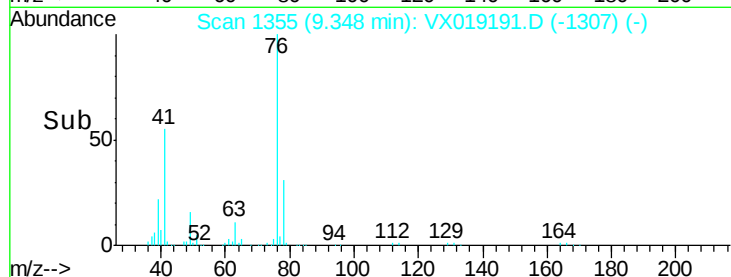
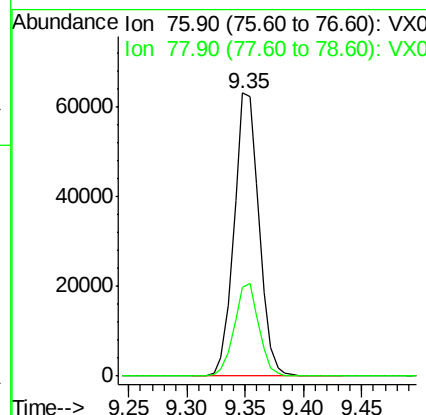
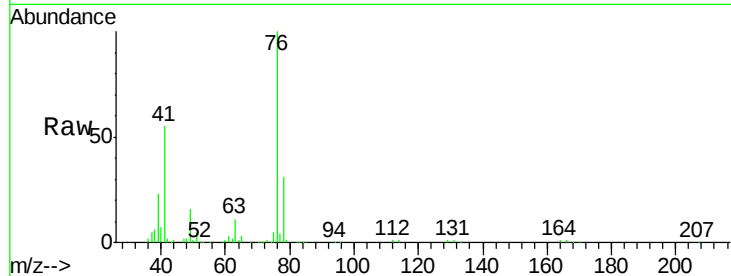
#57
 1,3-Dichloropropane
 Concen: 19.681 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion: 76 Resp: 94244
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9

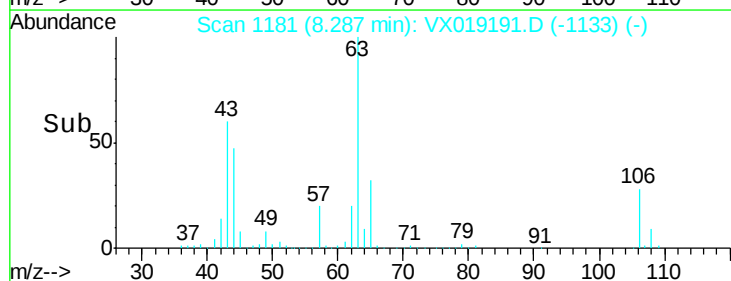
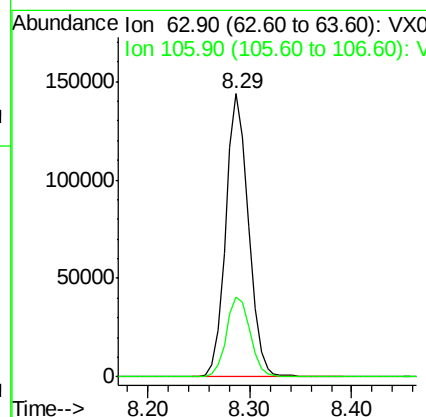
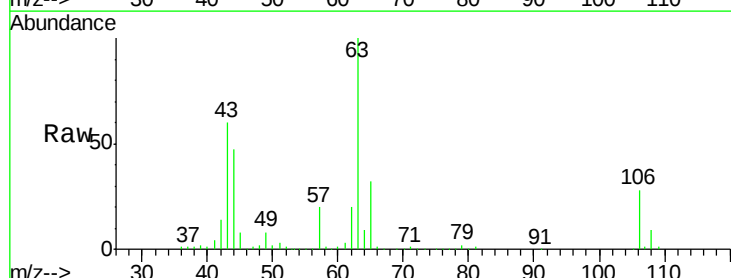
Manual Integrations
 APPROVED

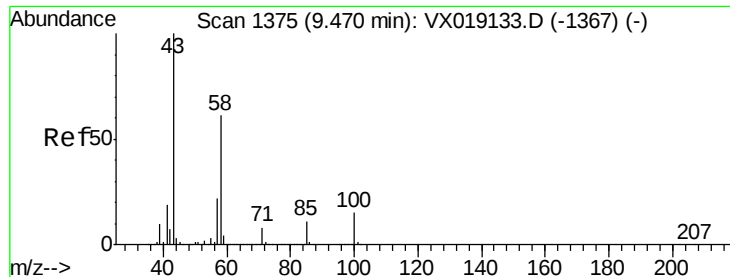
MMDadoda
 10/30/2020 12:00:41 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.954 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion: 63 Resp: 223018
 Ion Ratio Lower Upper
 63 100
 106 29.3 25.1 37.7





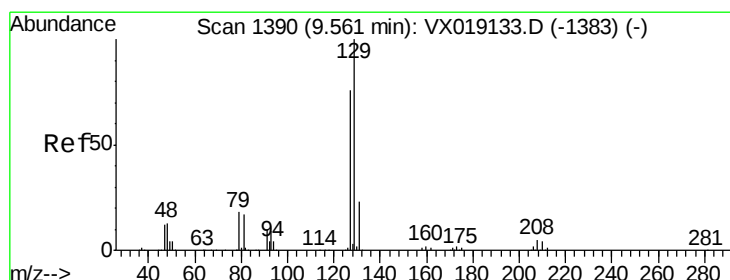
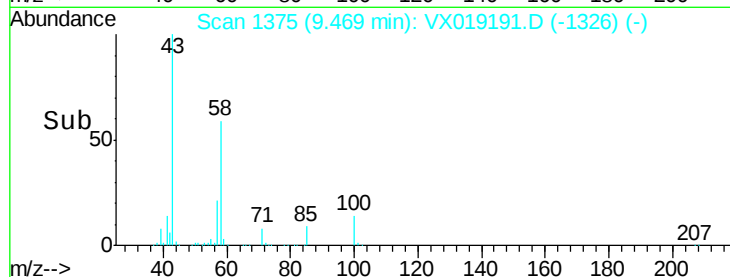
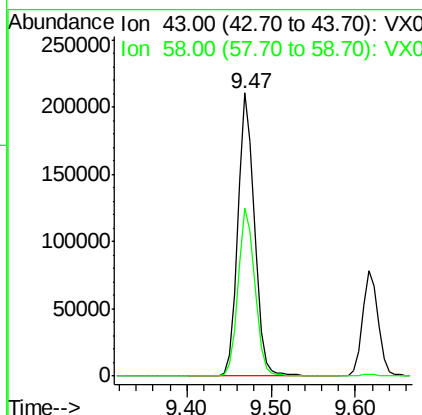
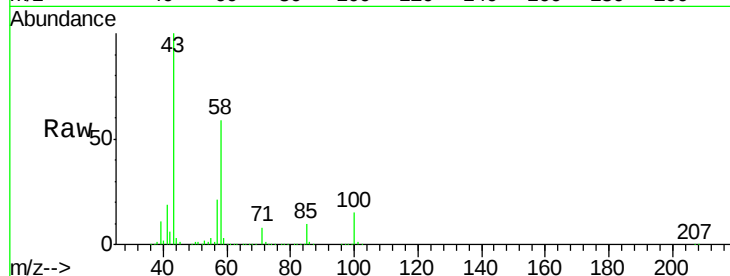
#59
2-Hexanone
Concen: 103.378 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.0	30.5	91.5

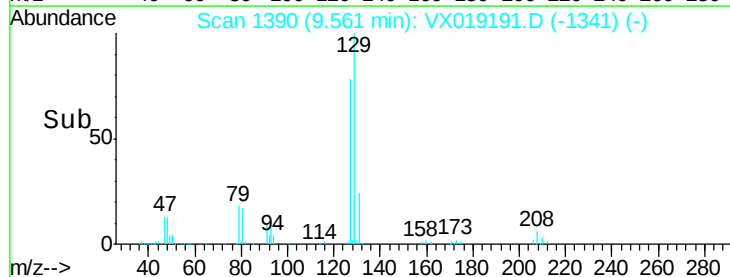
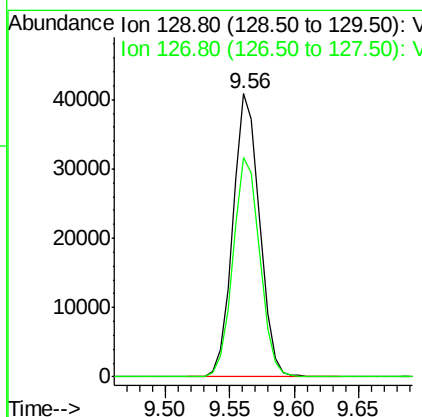
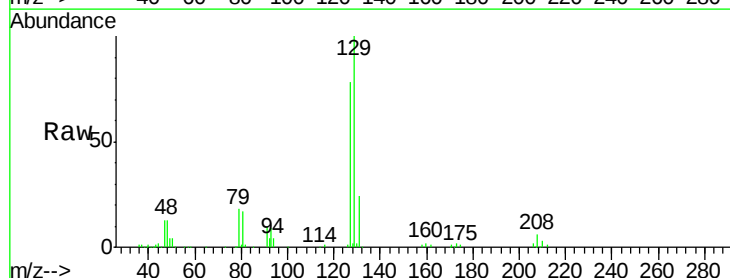
Manual Integrations
APPROVED

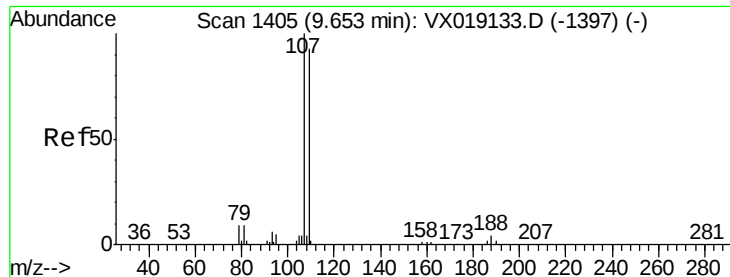
MMDadoda
10/30/2020 12:00:41 PM



#60
Dibromochloromethane
Concen: 19.127 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.531 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 107 Resp: 59318

Ion Ratio Lower Upper

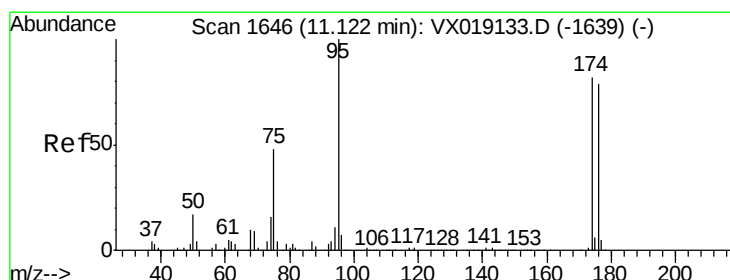
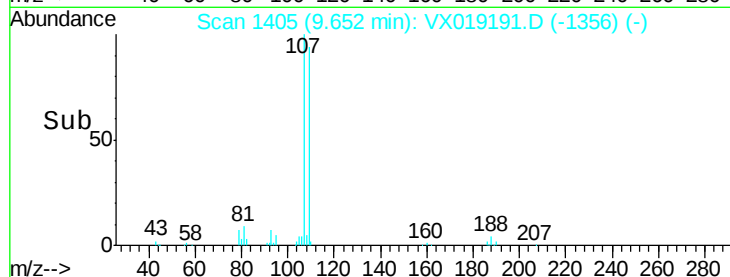
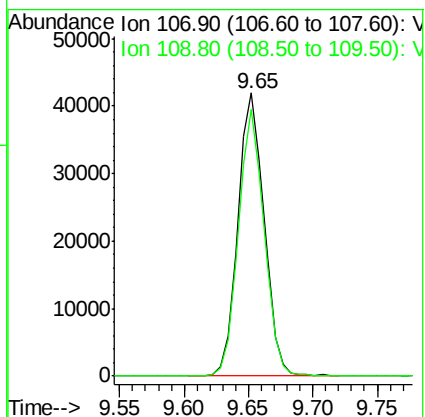
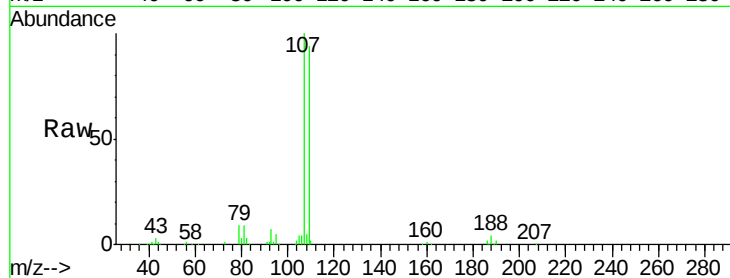
107 100

109 92.2 75.9 113.9

Manual Integrations
APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#62

4-Bromofluorobenzene

Concen: 49.935 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

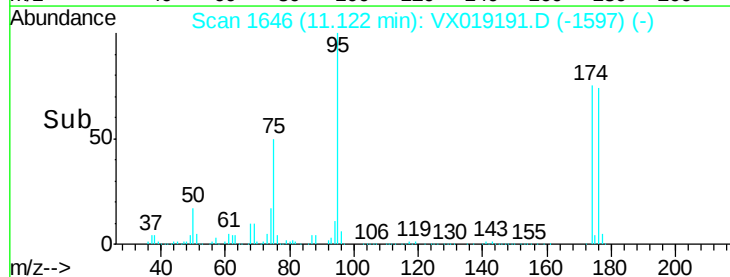
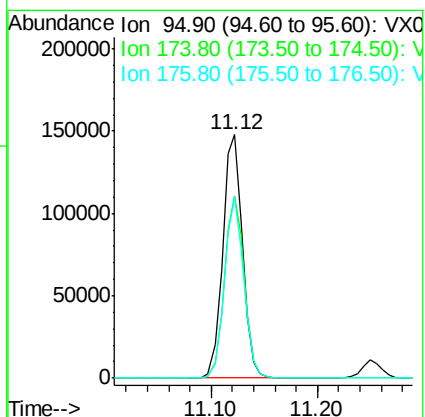
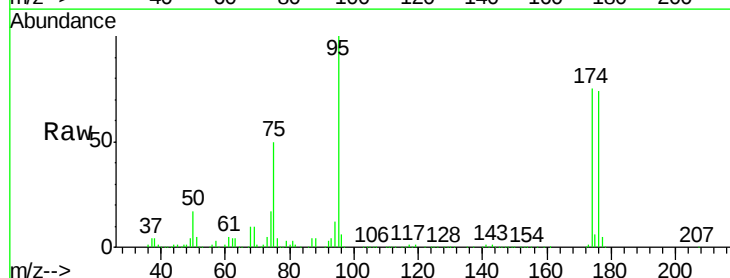
Tgt Ion: 95 Resp: 190881

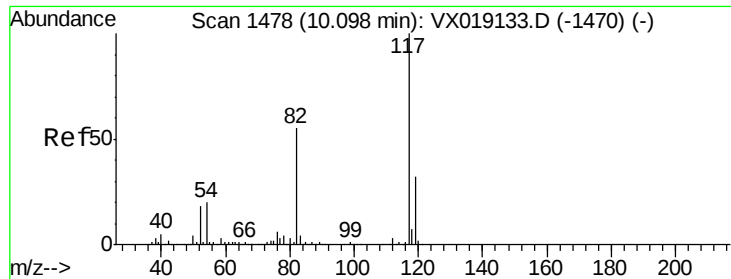
Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.0

176 72.5 0.0 149.8





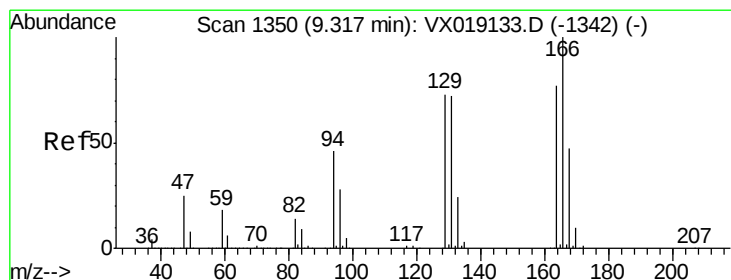
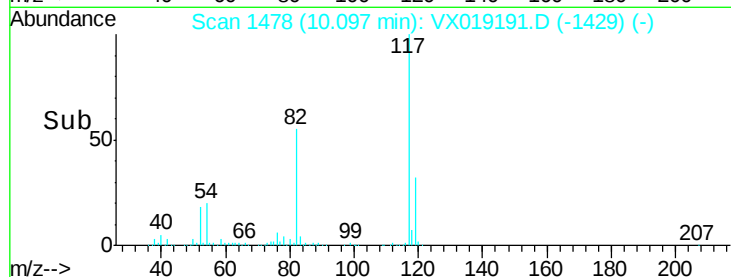
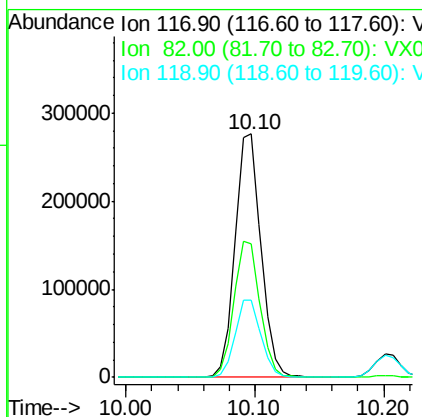
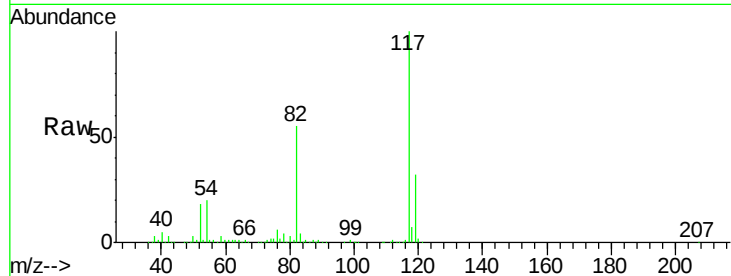
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	388428		
82	54.6	43.6	65.4	
119	31.7	25.5	38.3	

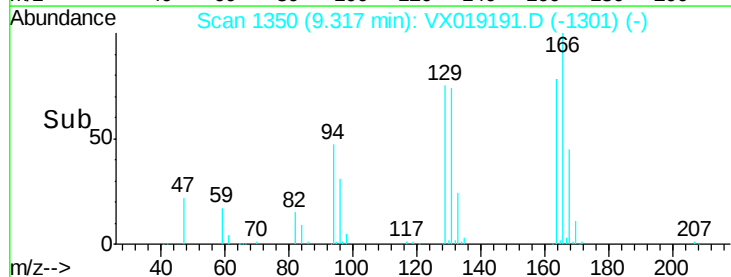
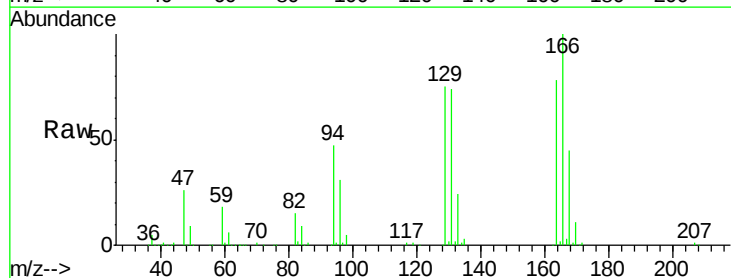
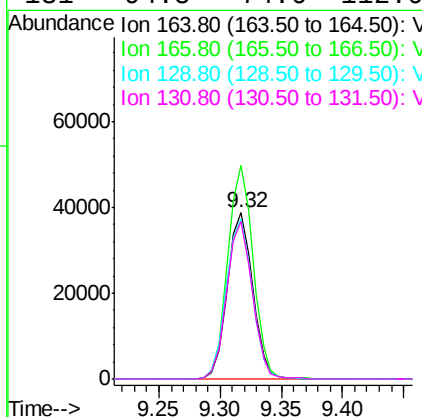
Manual Integrations
APPROVED

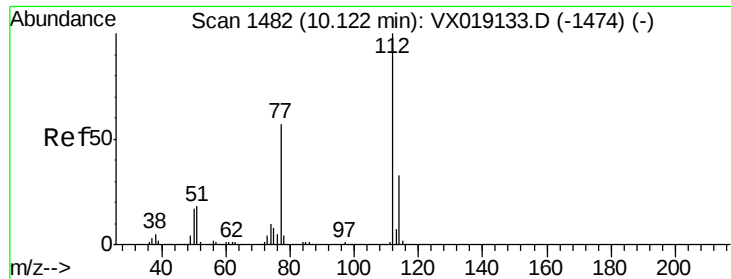
MMDadoda
10/30/2020 12:00:41 PM



#64
Tetrachloroethene
Concen: 18.725 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55414		
166	128.4	104.1	156.1	
129	96.3	76.2	114.4	
131	94.5	74.6	112.0	





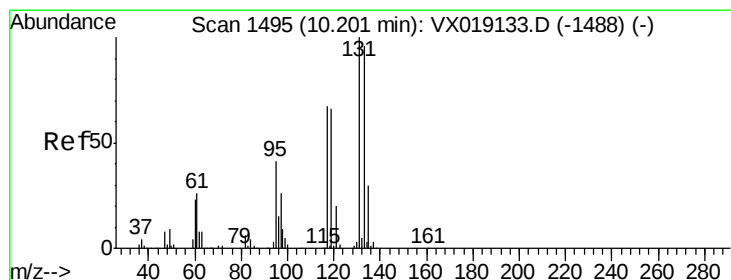
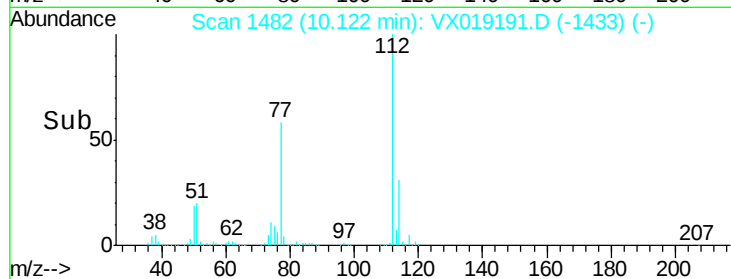
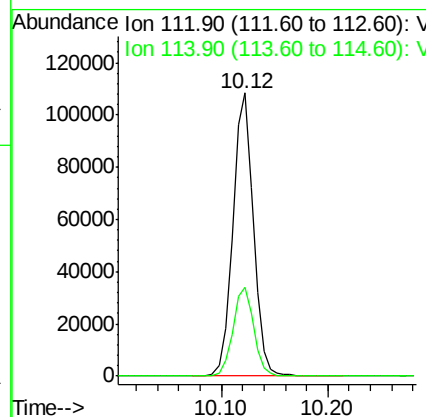
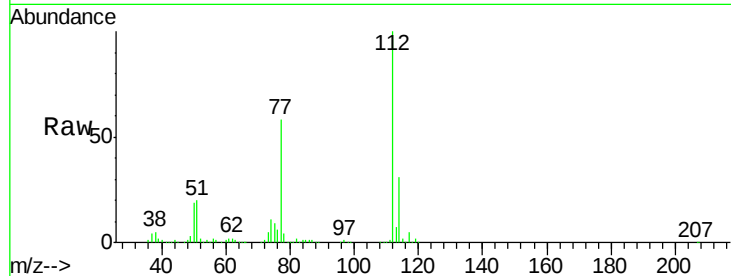
#65
Chlorobenzene
Concen: 18.448 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.1	39.1

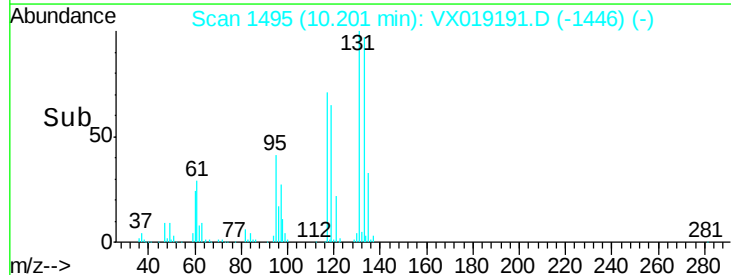
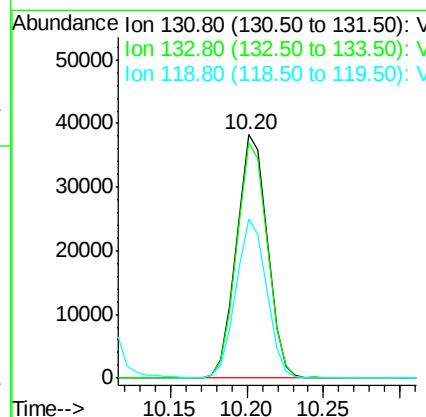
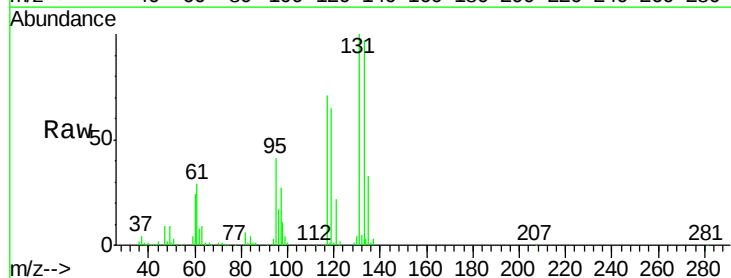
Manual Integrations
APPROVED

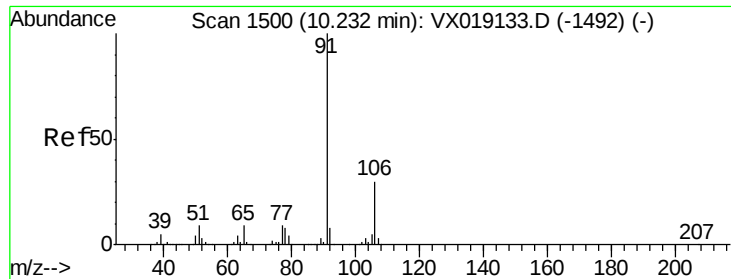
MMDadoda
10/30/2020 12:00:41 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.710 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	141.8
119	64.9	32.3	96.9





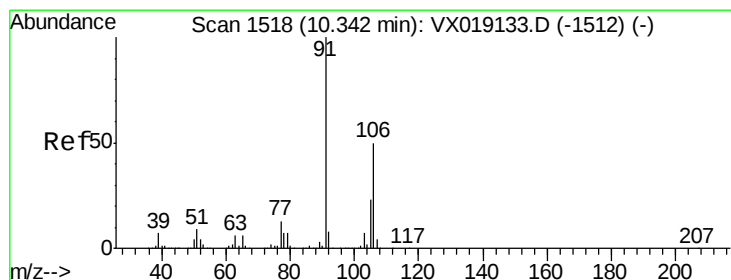
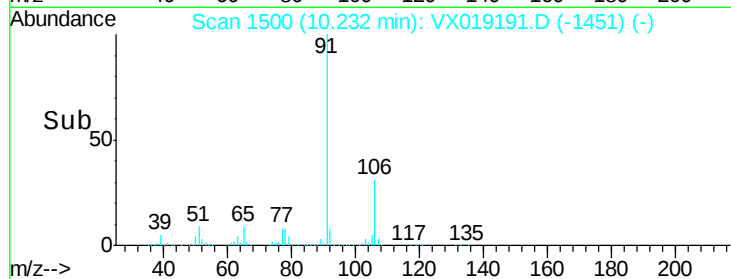
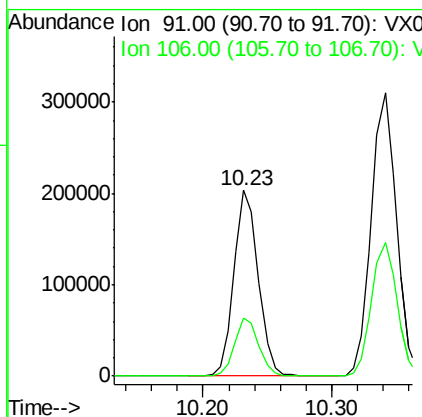
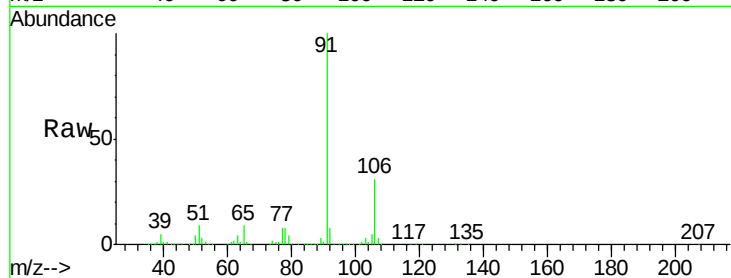
#67
Ethyl Benzene
Concen: 19.024 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion: 91 Resp: 269126
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5

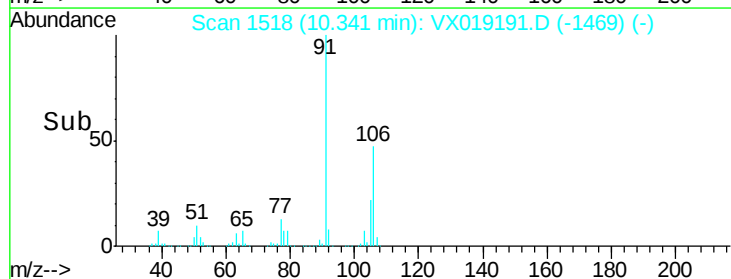
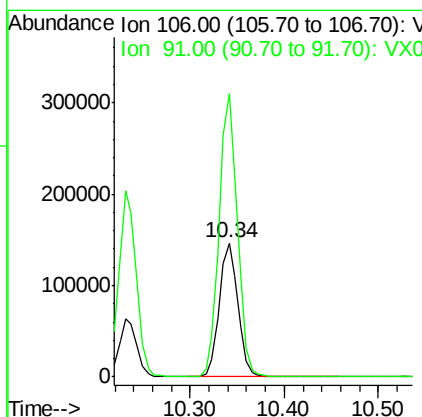
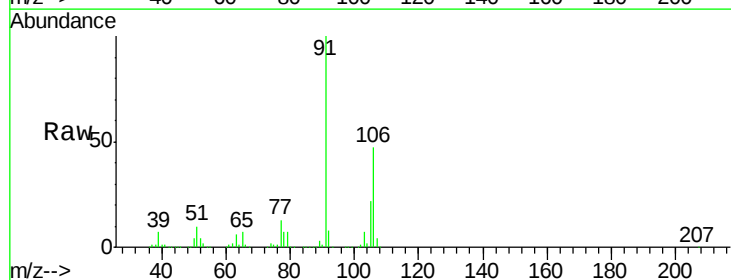
Manual Integrations
APPROVED

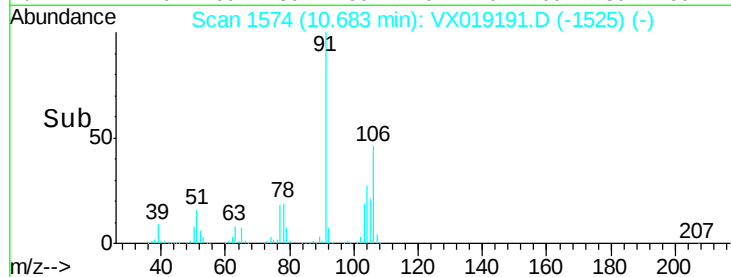
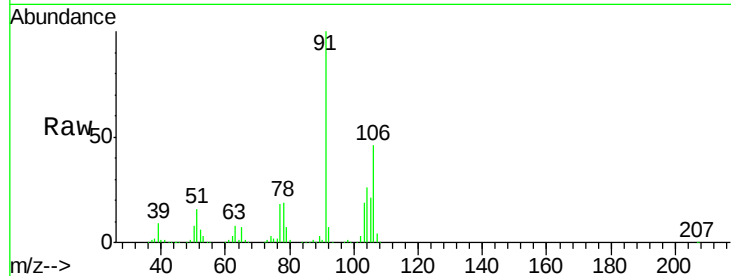
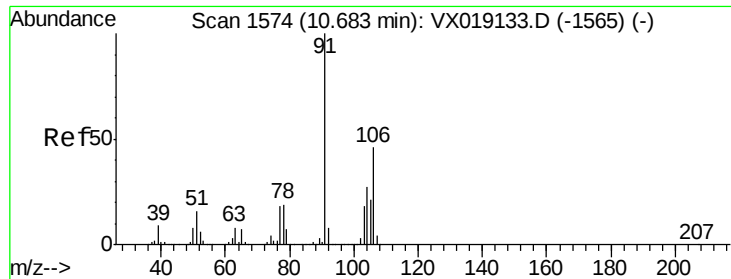
MMDadoda
10/30/2020 12:00:41 PM



#68
m/p-Xylenes
Concen: 37.775 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion: 106 Resp: 200567
Ion Ratio Lower Upper
106 100
91 207.8 161.0 241.4





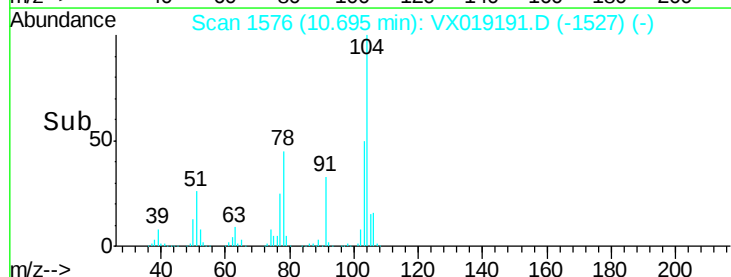
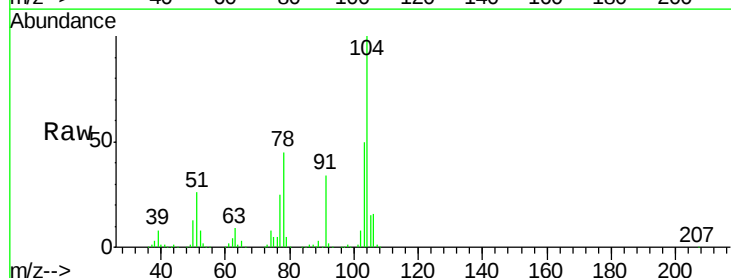
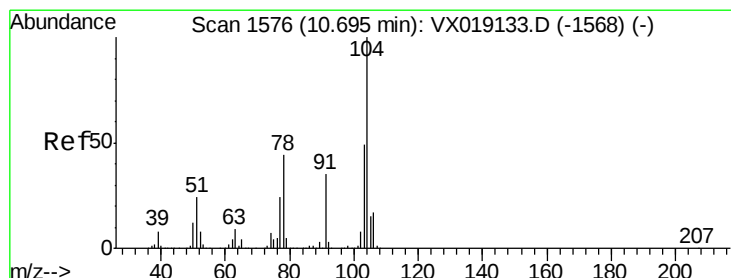
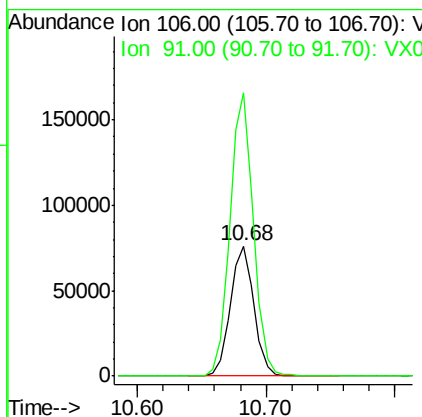
#69
o-Xylene
Concen: 19.368 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tot Ion:106 Resp: 97540
Ion Ratio Lower Upper
106 100
91 216.3 108.3 324.8

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

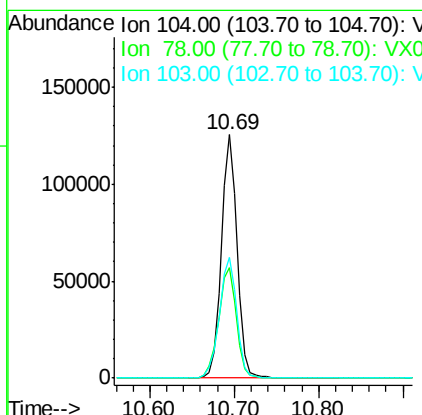
Manual Integrations
APPROVED

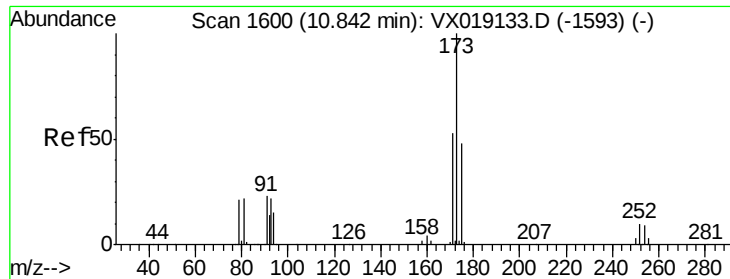
MMDadoda
10/30/2020 12:00:41 PM



#70
Styrene
Concen: 18.861 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion:104 Resp: 162064
Ion Ratio Lower Upper
104 100
78 51.3 40.0 60.0
103 54.8 43.5 65.3





#71

Bromoform

Concen: 17.469 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

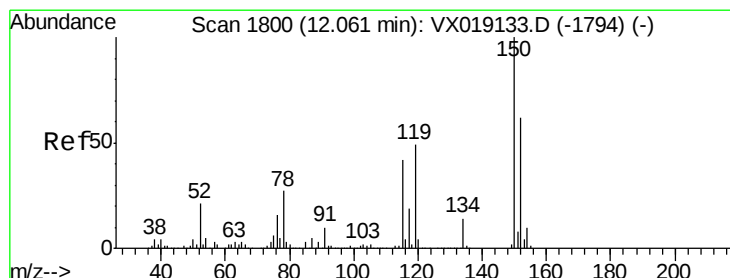
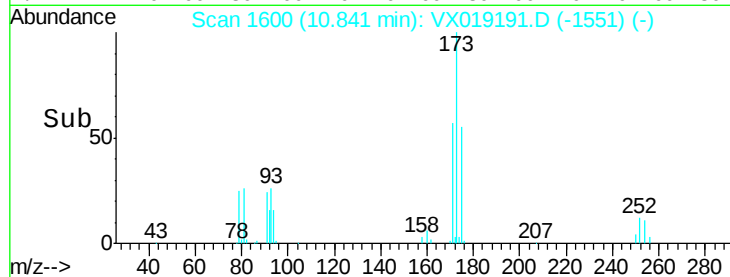
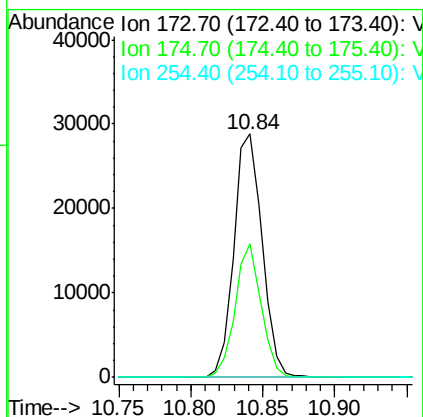
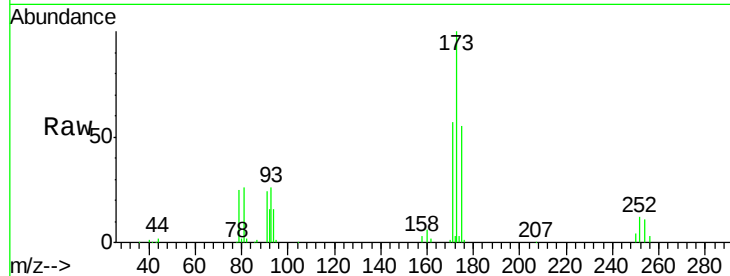
ClientSampleId :

VX1031WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.4	73.4
254	0.0	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

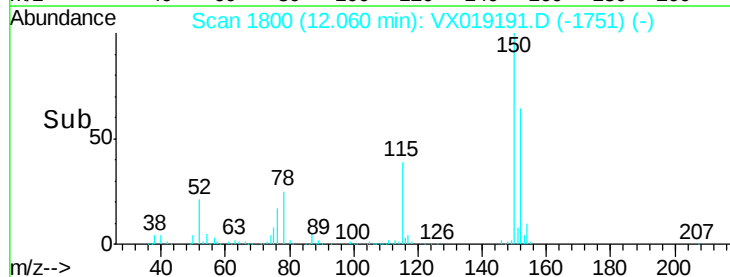
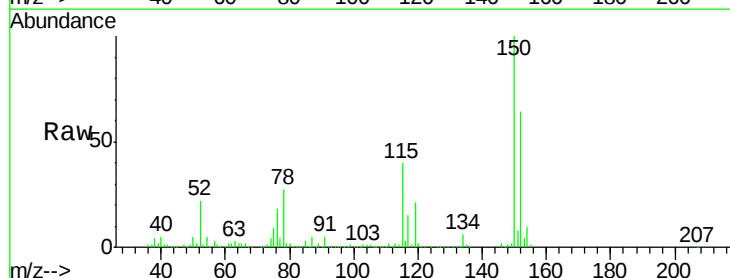
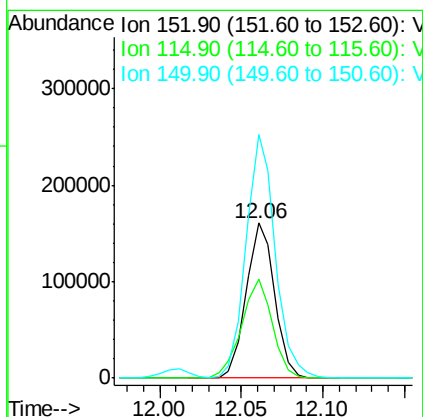
RT: 12.06 min Scan# 1800

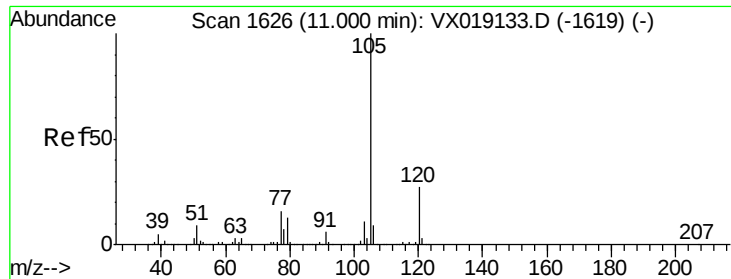
Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.9	41.9	125.7
150	161.7	0.0	347.8





#73

Isopropylbenzene

Concen: 19.071 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 105 Resp: 263965

Ion Ratio Lower Upper

105 100

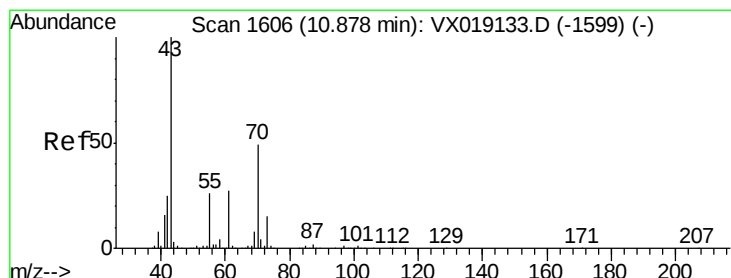
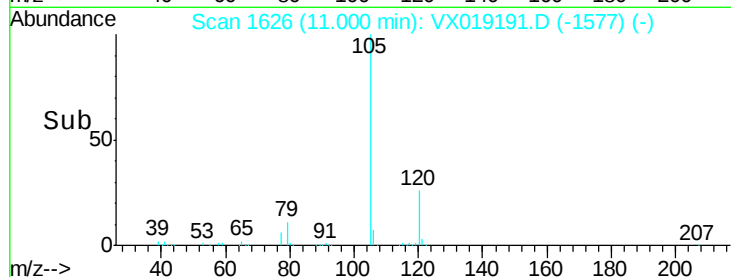
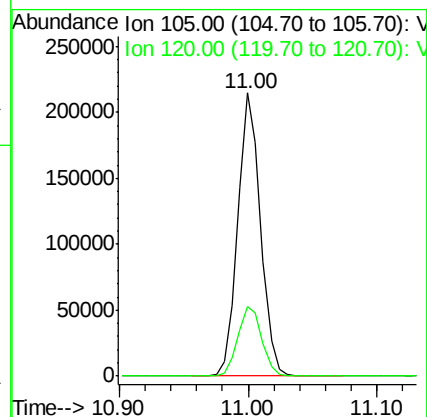
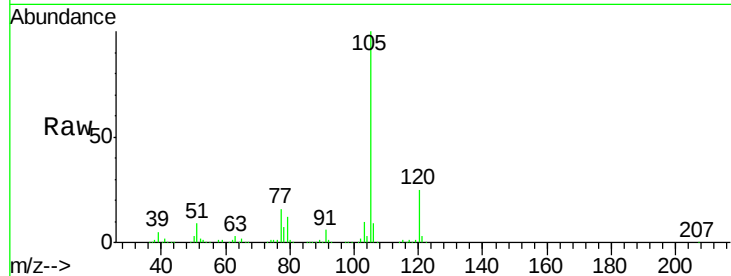
120 25.9 13.3 39.8

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#74

N-ethyl acetate

Concen: 19.593 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion: 43 Resp: 99156

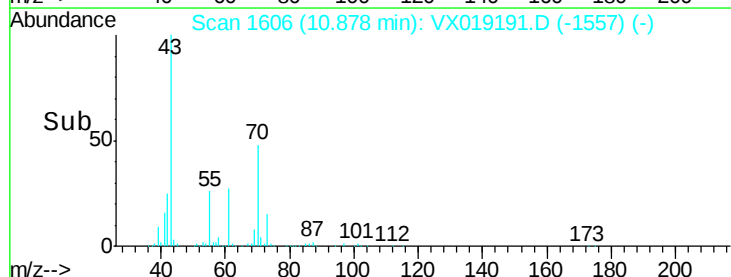
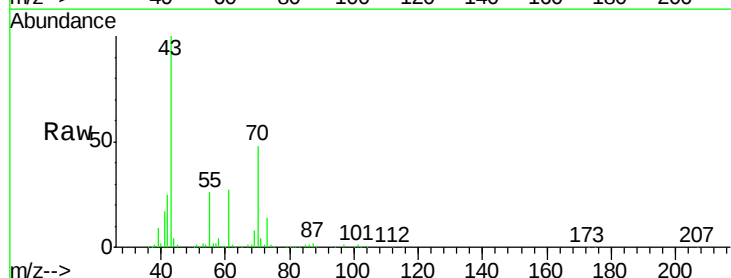
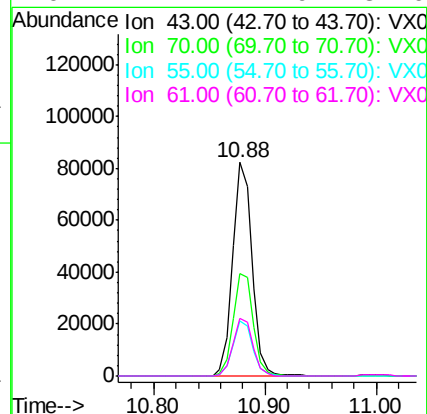
Ion Ratio Lower Upper

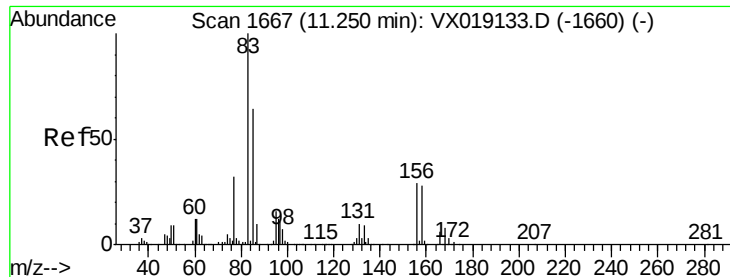
43 100

70 49.7 39.6 59.4

55 26.3 20.7 31.1

61 27.4 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.263 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

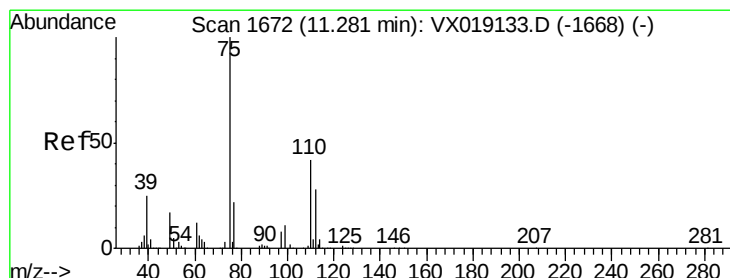
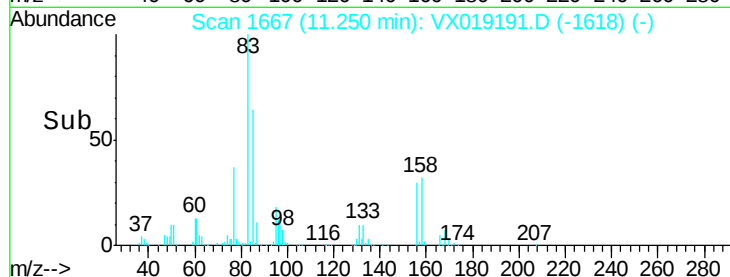
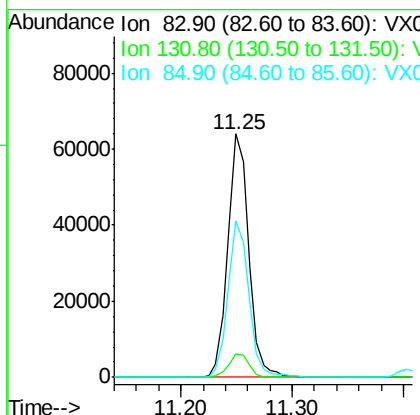
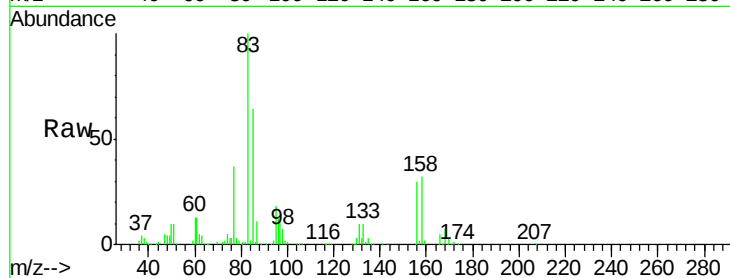
ClientSampleId :

VX1031WBS01

Tot Ion:	83	Resp:	83324
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.2	15.6
85	64.4	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#76

1,2,3-Trichloropropane

Concen: 19.482 ug/l m

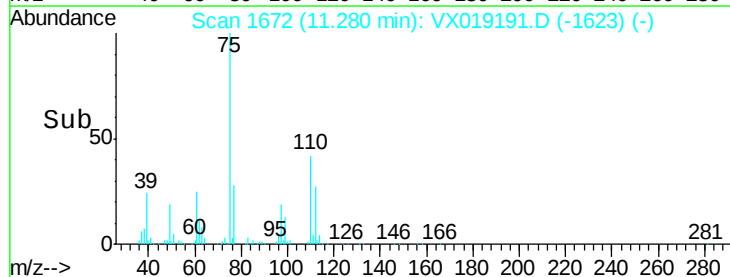
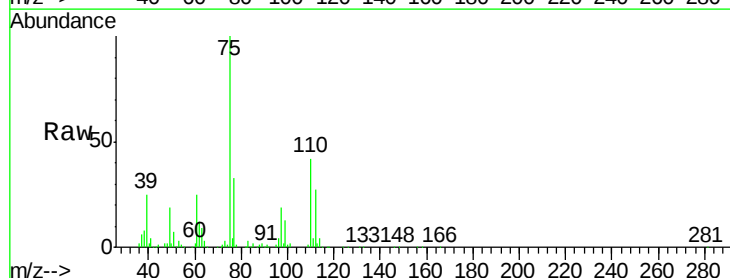
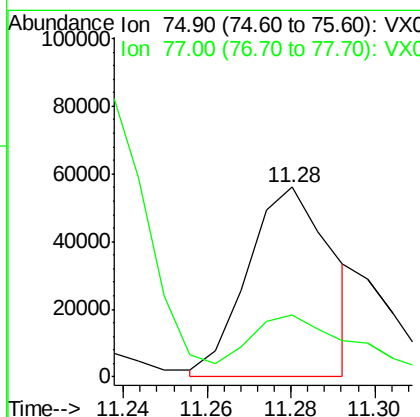
RT: 11.28 min Scan# 1672

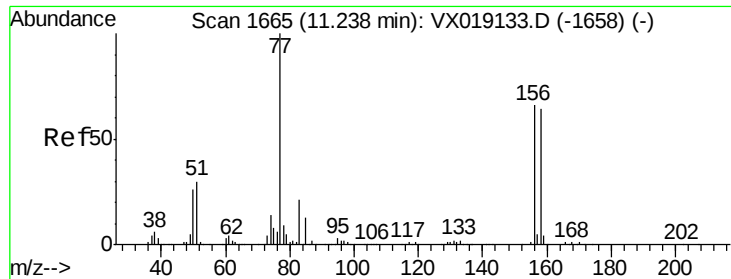
Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Tgt Ion:	75	Resp:	78658
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.3	60.9





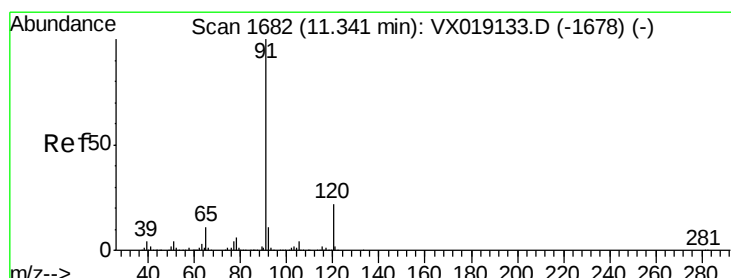
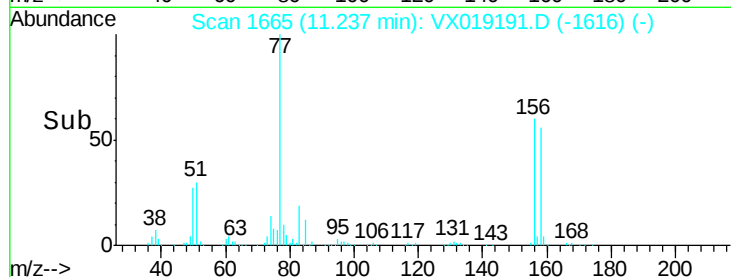
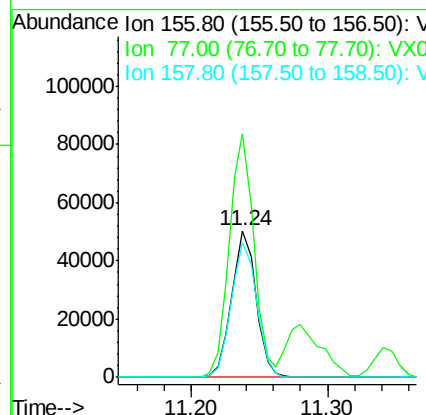
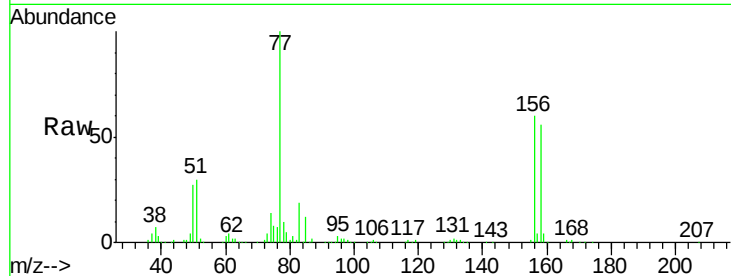
#77
Bromobenzene
Concen: 18.312 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	167.4	77.7	233.1	
158	95.7	48.3	144.8	

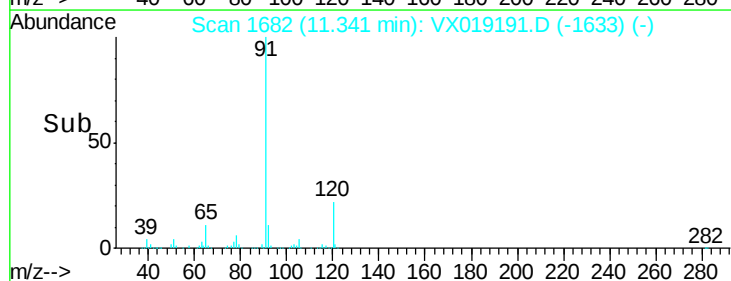
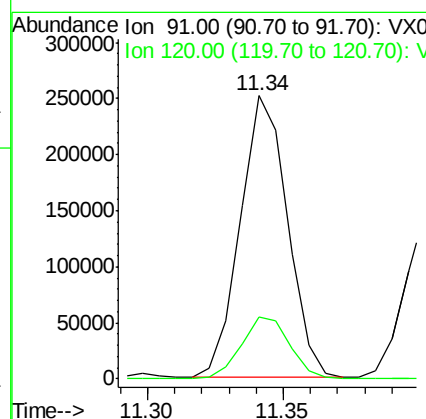
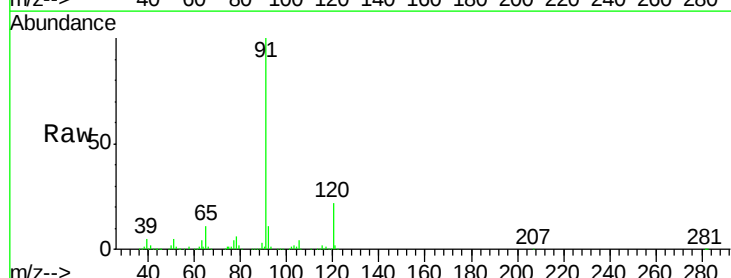
Manual Integrations
APPROVED

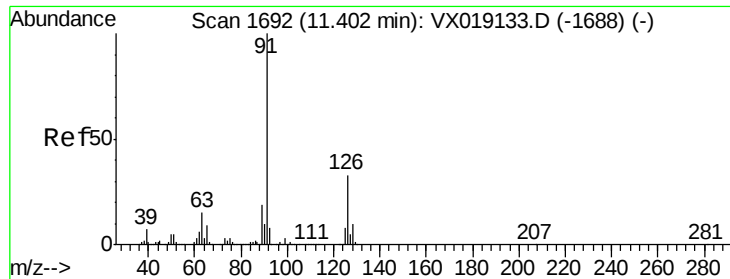
MMDadoda
10/30/2020 12:00:41 PM



#78
n-propylbenzene
Concen: 19.155 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.7	11.7	35.0	





#79

2-Chlorotoluene

Concen: 19.456 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019191.D

Acq: 29 Oct 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1031WBS01

Tot Ion: 91 Resp: 180982

Ion Ratio Lower Upper

91 100

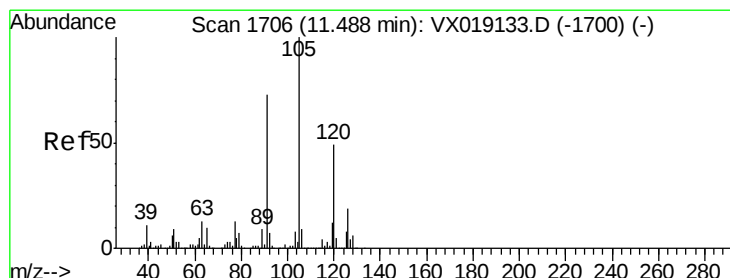
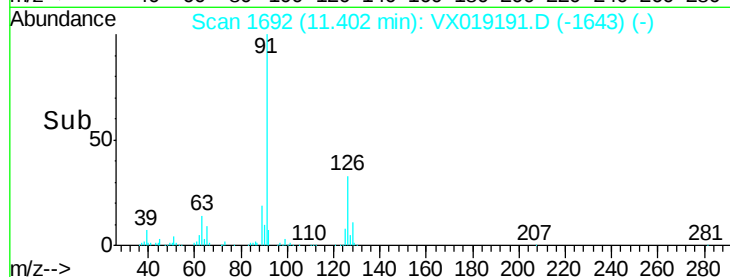
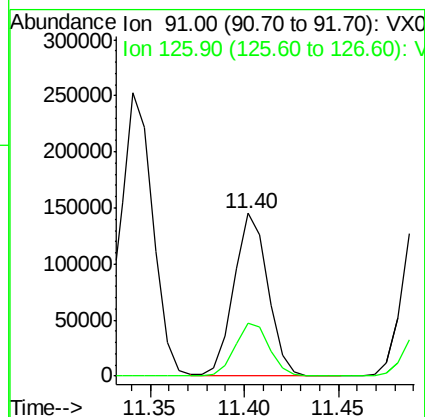
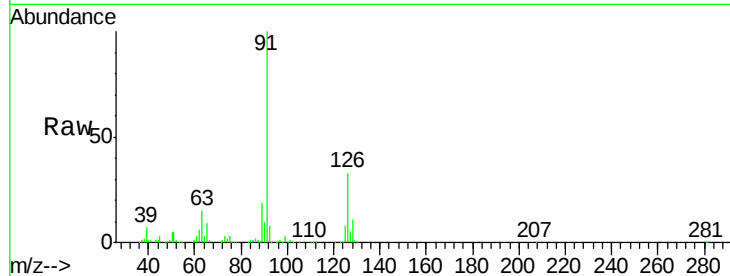
126 33.3 16.9 50.7

Manual Integrations

APPROVED

MMDadoda

10/30/2020 12:00:41 PM



#80

1,3,5-Trimethylbenzene

Concen: 19.087 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019191.D

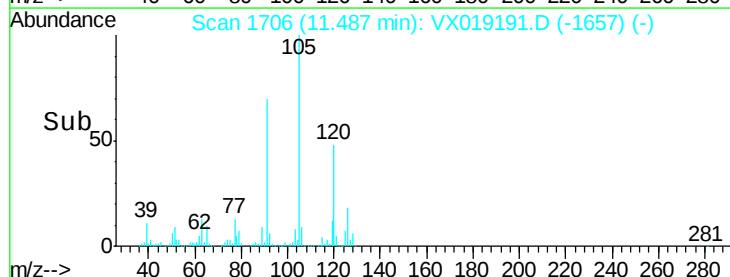
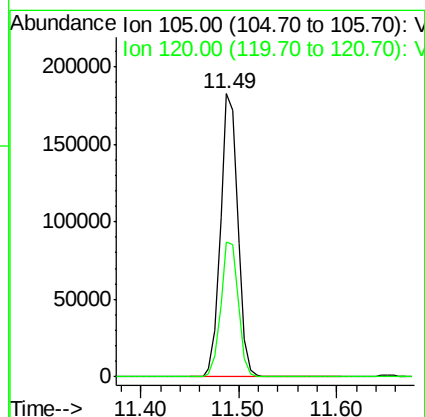
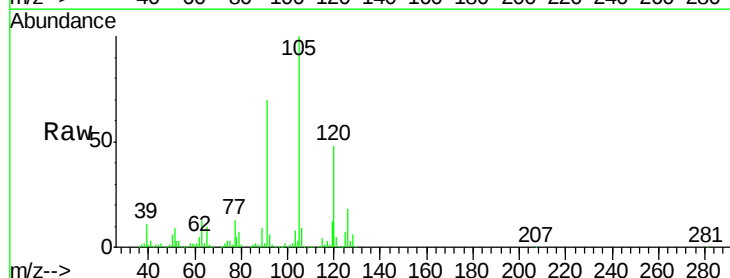
Acq: 29 Oct 2020 16:27

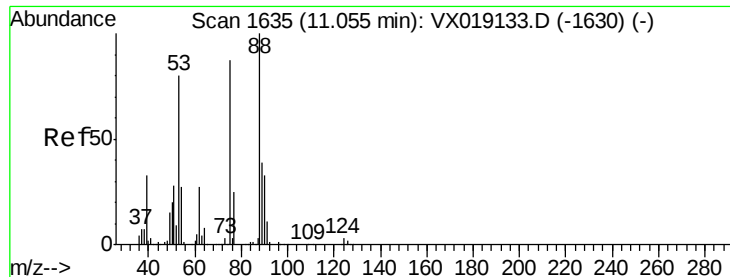
Tgt Ion: 105 Resp: 223183

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





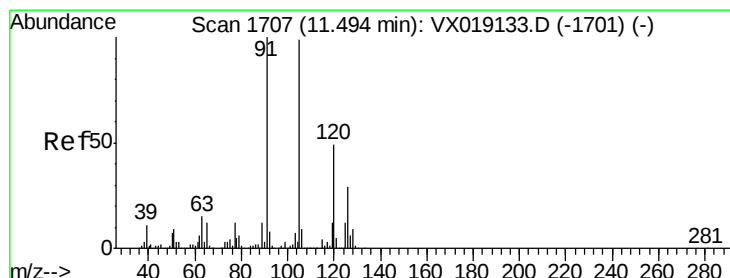
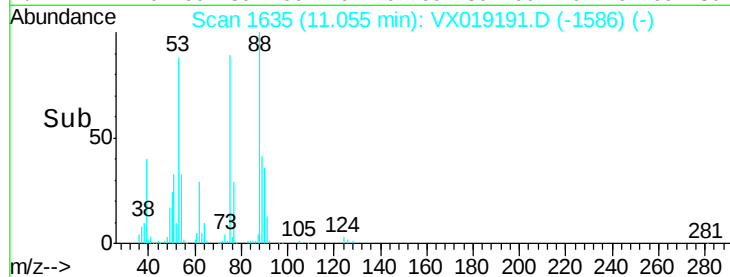
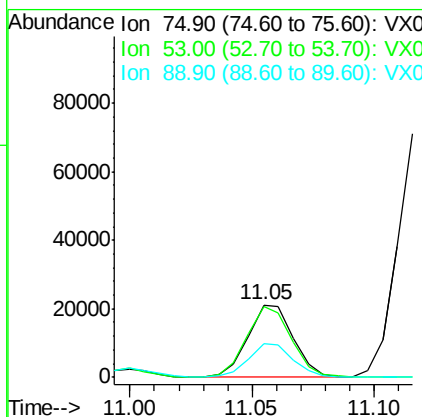
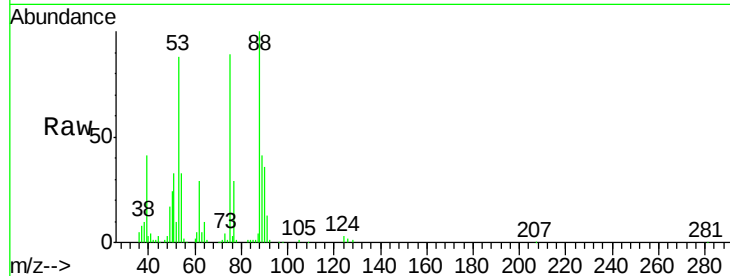
#81
trans-1,4-Dichloro-2-butene
Concen: 17.684 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	73.3	109.9
89	46.5	38.2	57.2

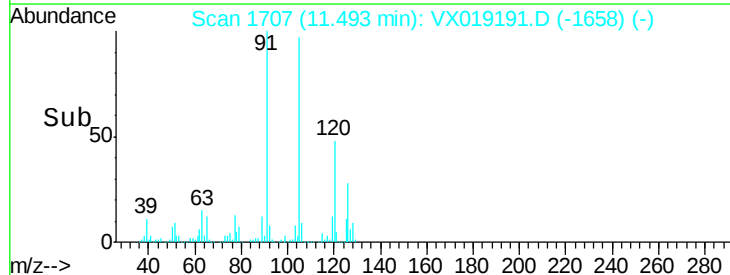
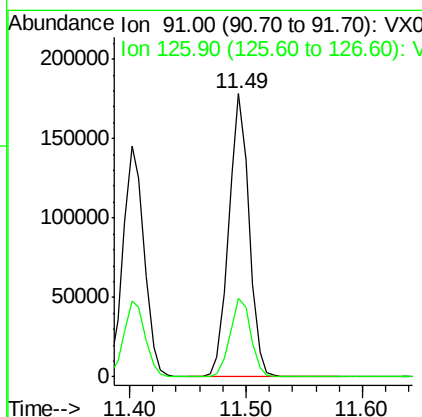
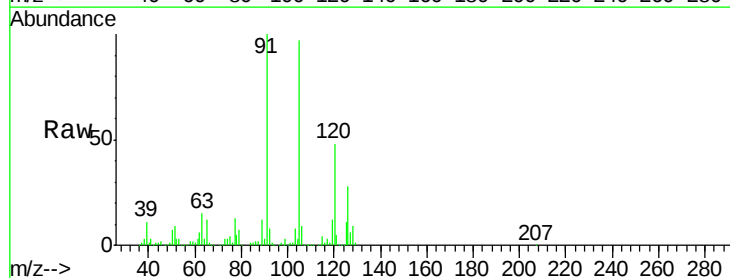
Manual Integrations
APPROVED

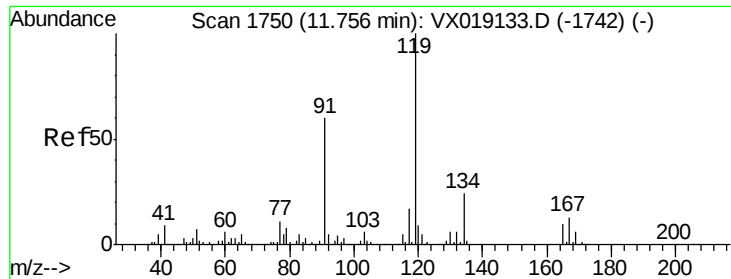
MMDadoda
10/30/2020 12:00:41 PM



#82
4-Chlorotoluene
Concen: 18.932 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.8	44.4





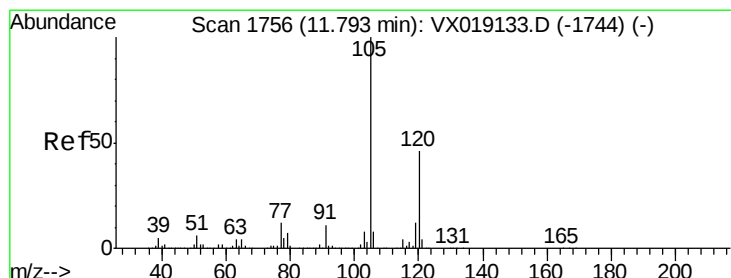
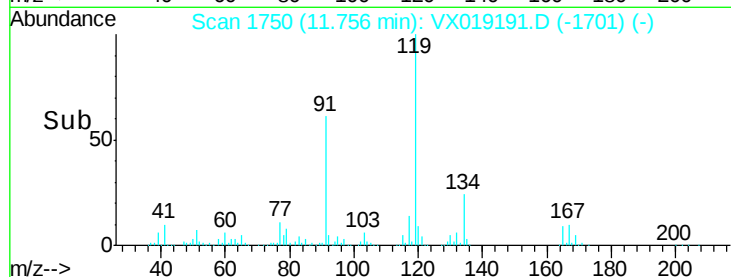
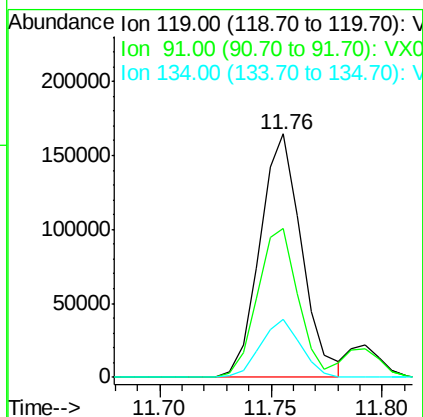
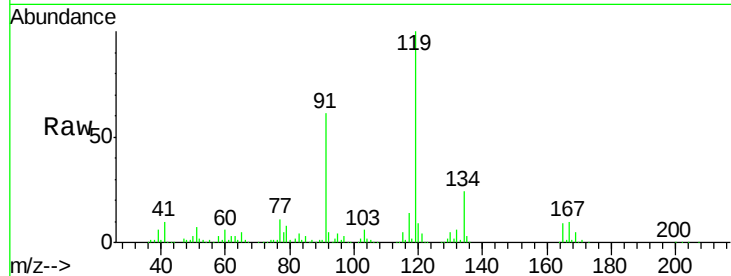
#83
tert-Butylbenzene
Concen: 19.197 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	214927		
91	59.6	29.0	87.1	
134	22.7	11.7	35.0	

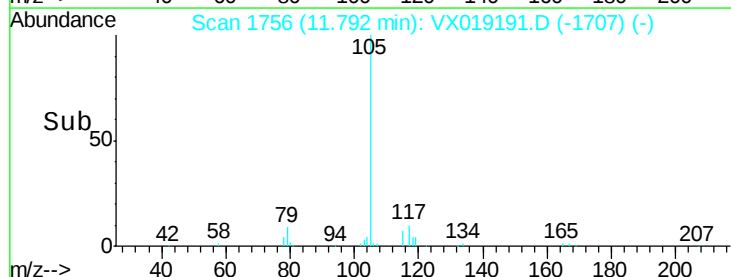
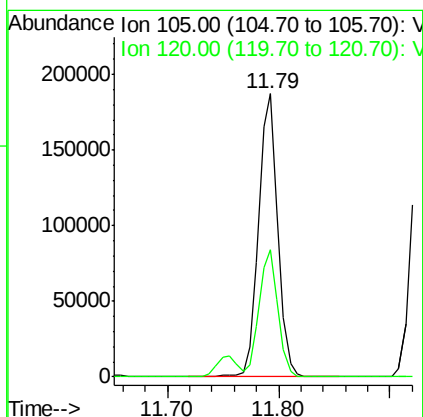
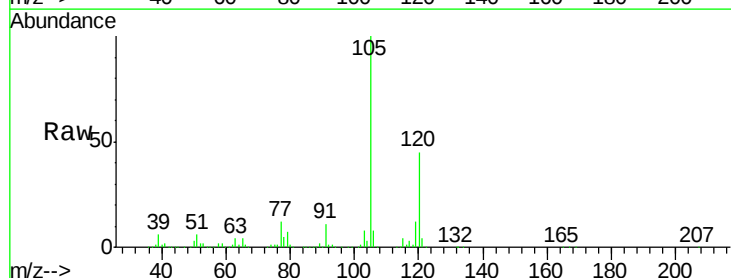
Manual Integrations
APPROVED

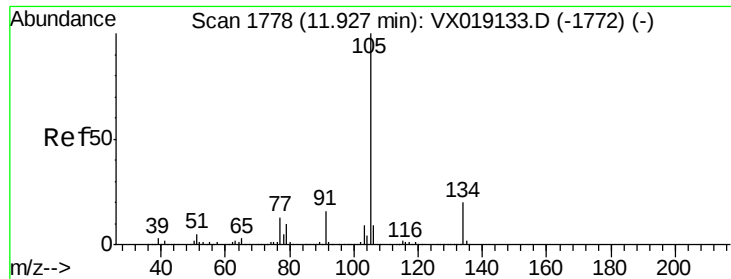
MMDadoda
10/30/2020 12:00:41 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.107 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225548		
120	44.3	22.4	67.3	





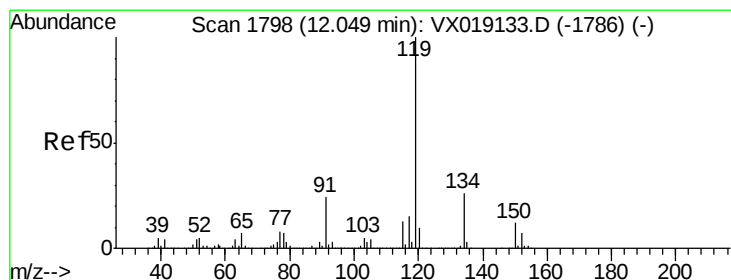
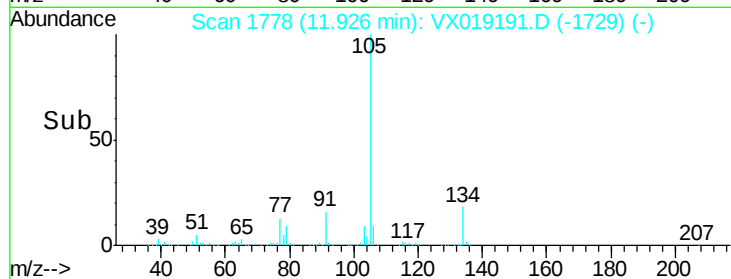
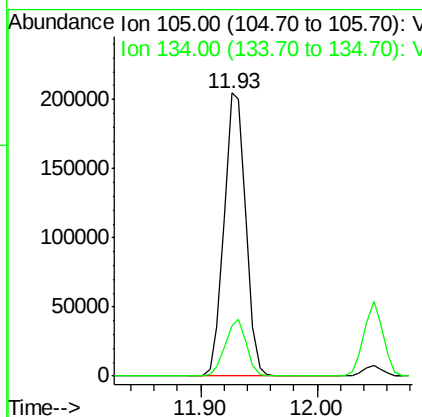
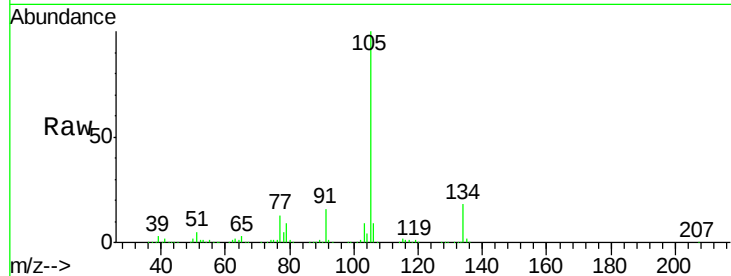
#85
 sec-Butylbenzene
 Concen: 19.513 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.1

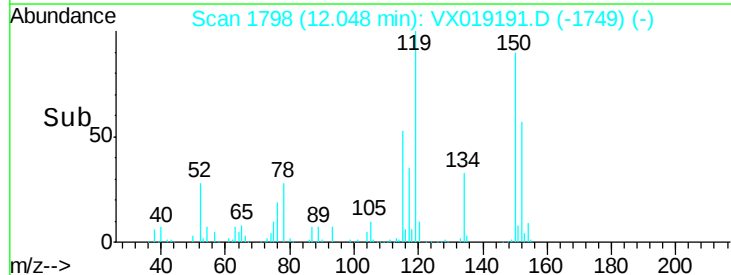
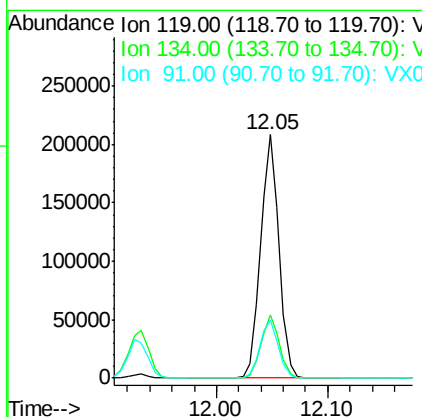
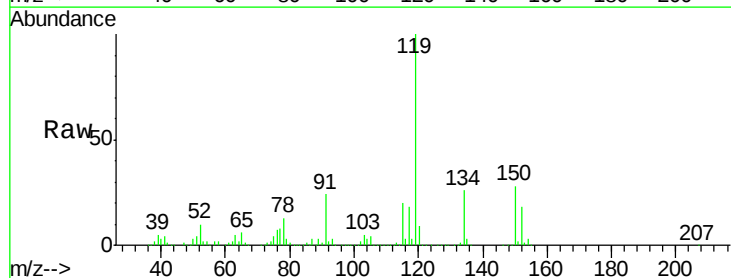
Manual Integrations
 APPROVED

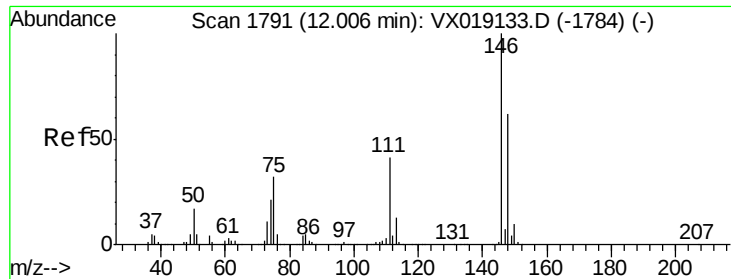
MMDadoda
 10/30/2020 12:00:41 PM



#86
 p-Isopropyltoluene
 Concen: 19.379 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.7
91	24.1	12.0	36.0





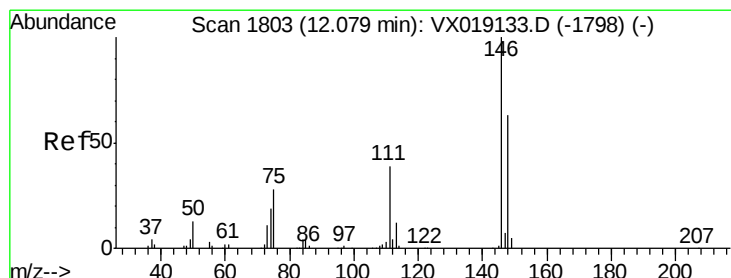
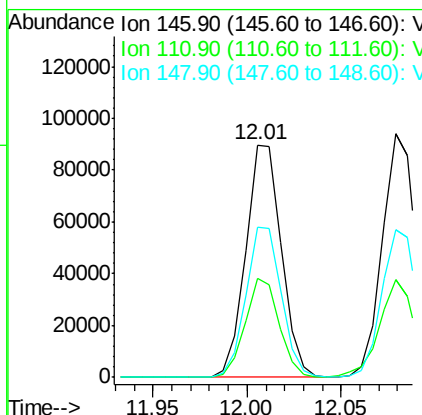
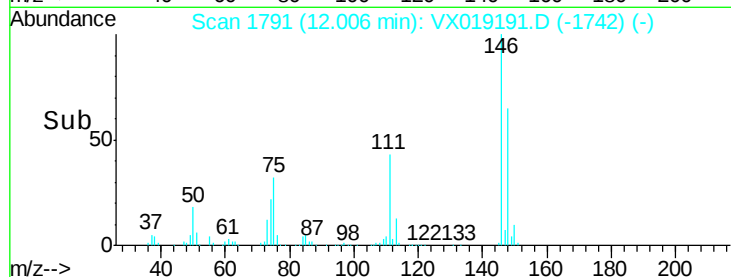
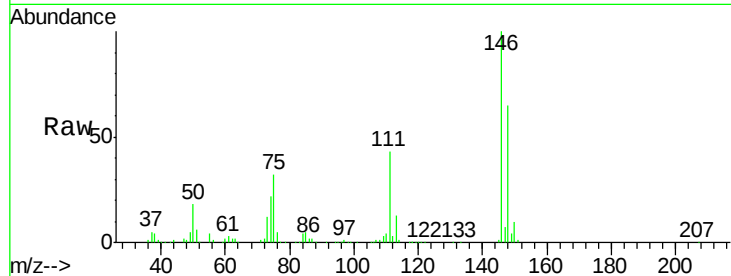
#87
 1,3-Dichlorobenzene
 Concen: 18.386 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	64.3	31.6	94.8

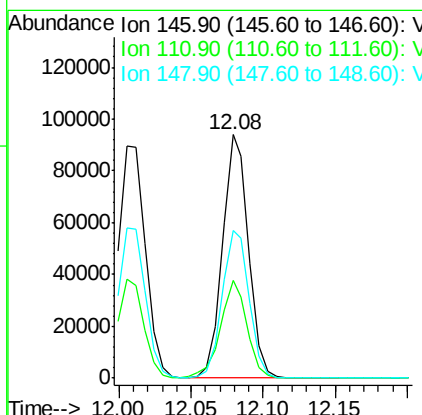
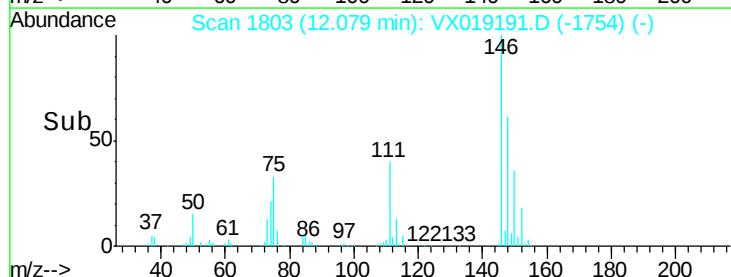
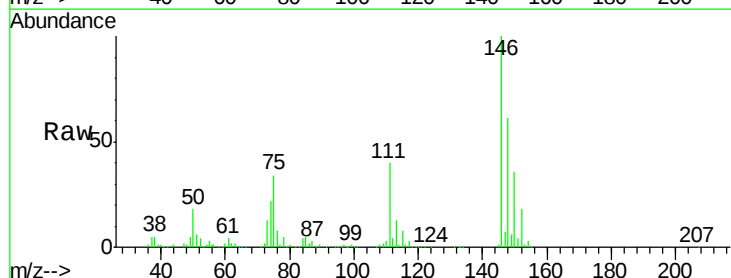
Manual Integrations
 APPROVED

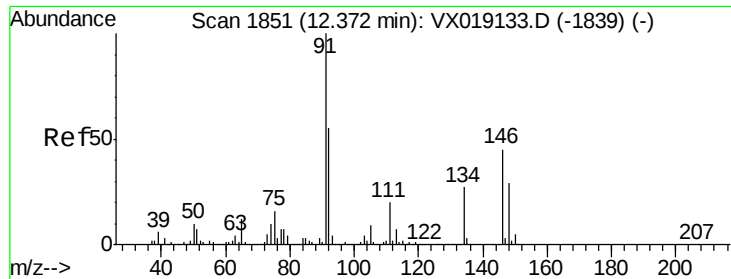
MMDadoda
 10/30/2020 12:00:41 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.794 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.2	60.5
148	63.7	31.3	93.8





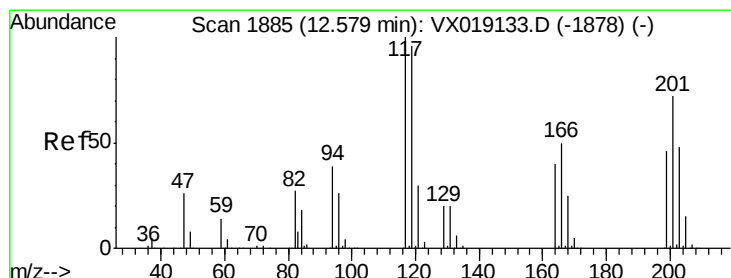
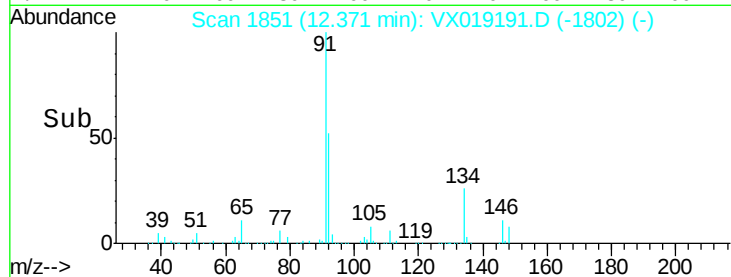
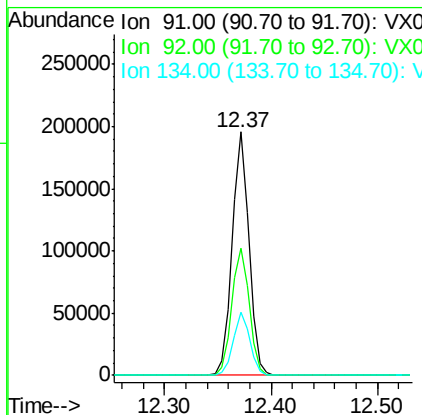
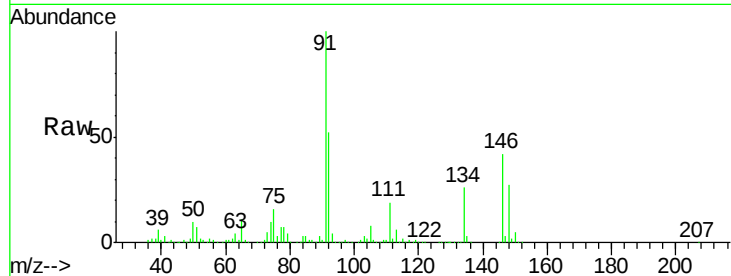
#89
n-Butylbenzene
Concen: 18.701 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	25.7	13.2	39.6

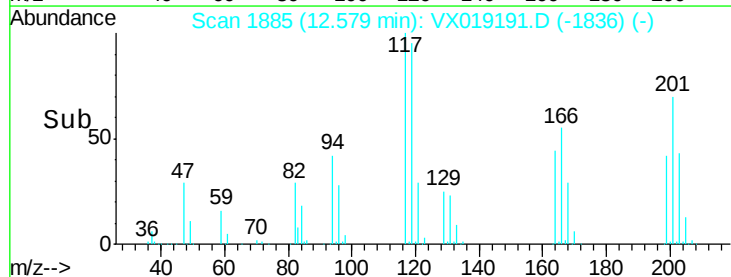
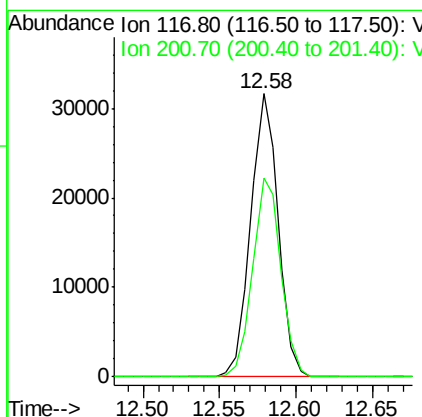
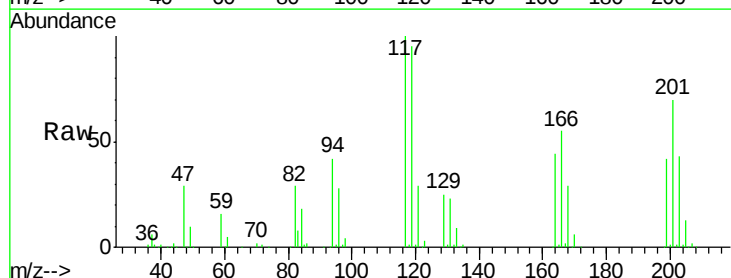
Manual Integrations
APPROVED

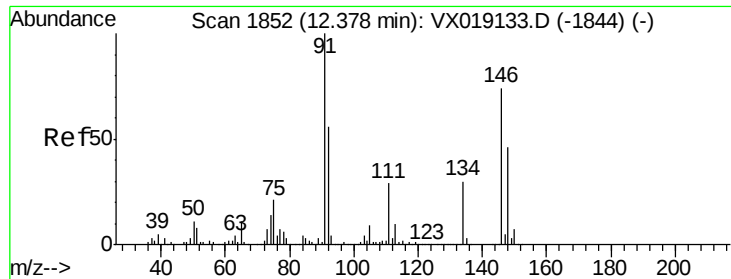
MMDadoda
10/30/2020 12:00:41 PM



#90
Hexachloroethane
Concen: 18.718 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.3	38.5	115.3





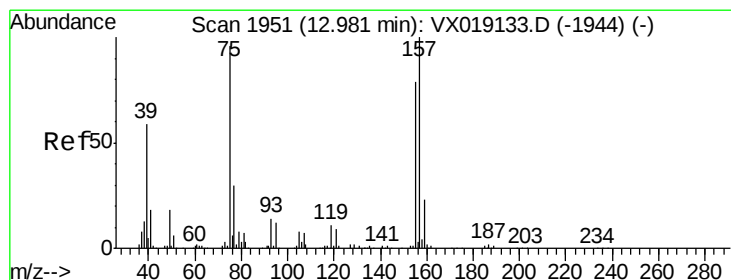
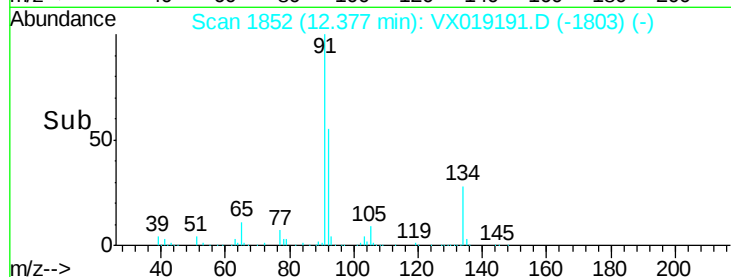
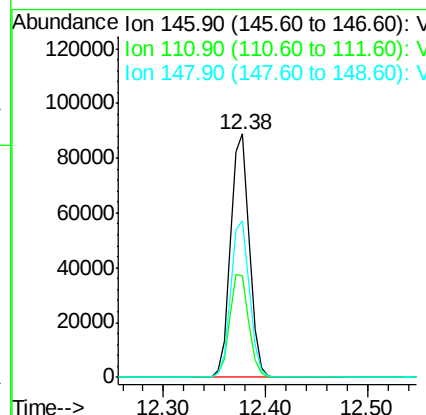
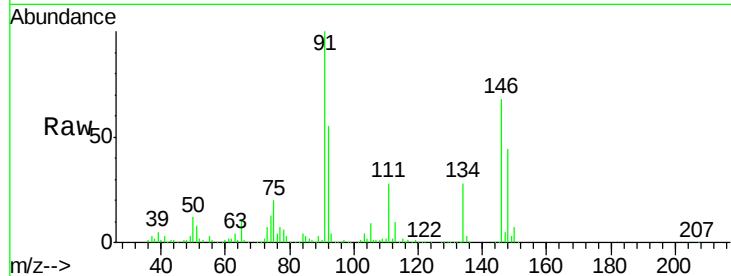
#91
1,2-Dichlorobenzene
Concen: 18.337 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	64.3	31.6	94.7

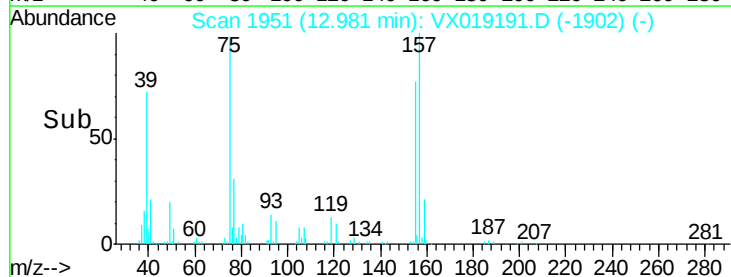
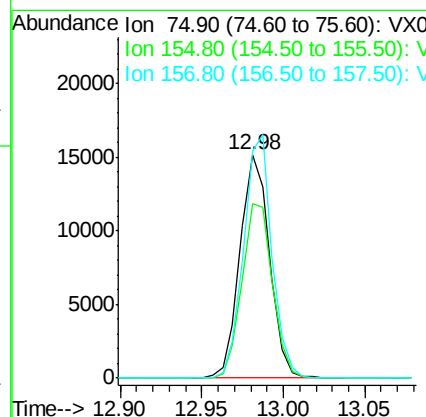
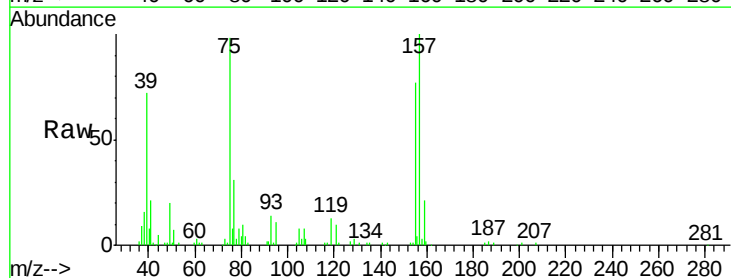
Manual Integrations
APPROVED

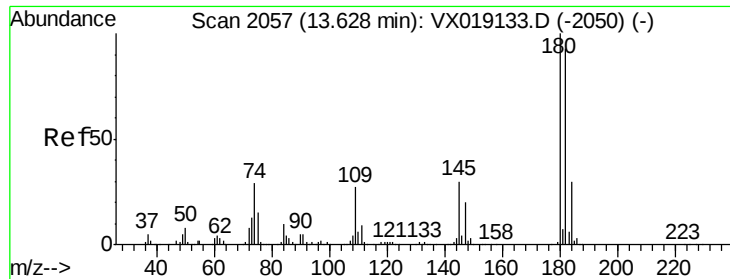
MMDadoda
10/30/2020 12:00:41 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.015 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	42.8	128.4
157	104.9	54.8	164.4





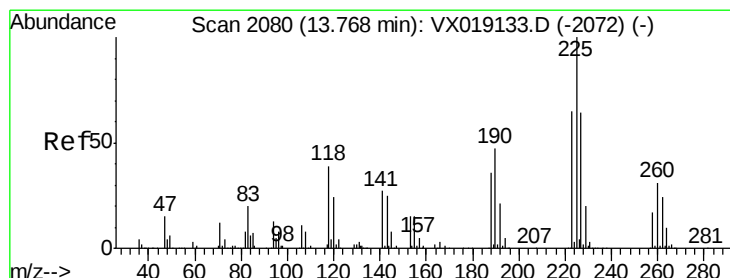
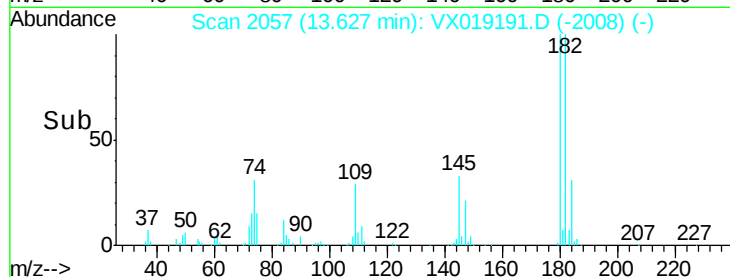
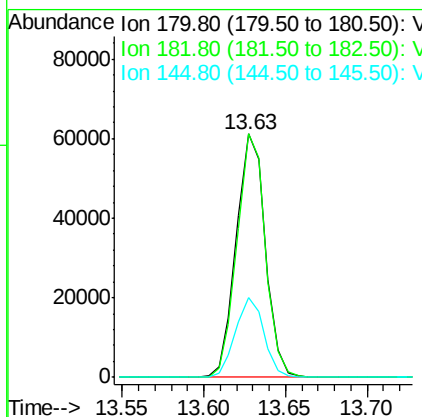
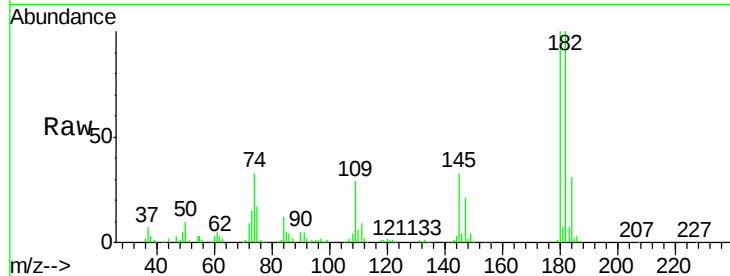
#93
 1,2,4-Trichlorobenzene
 Concen: 16.466 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.8	140.3
145	32.2	15.5	46.5

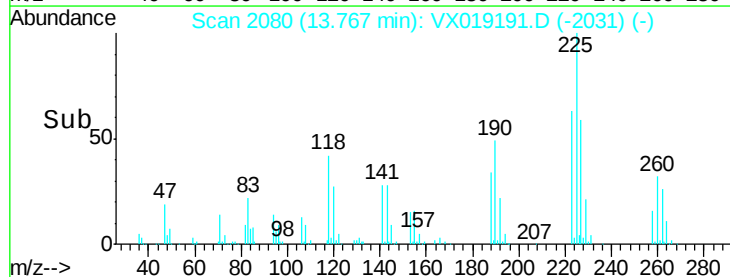
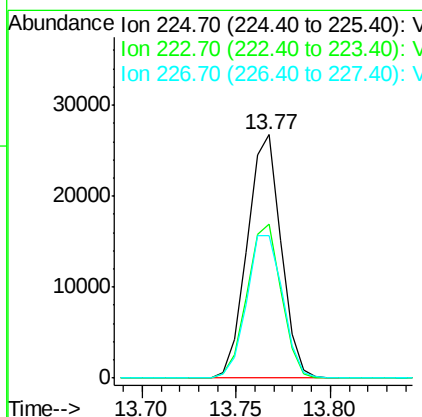
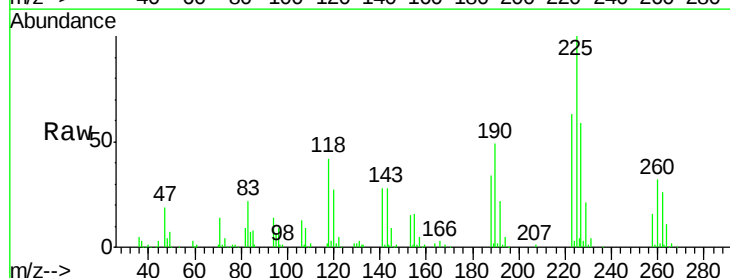
Manual Integrations
 APPROVED

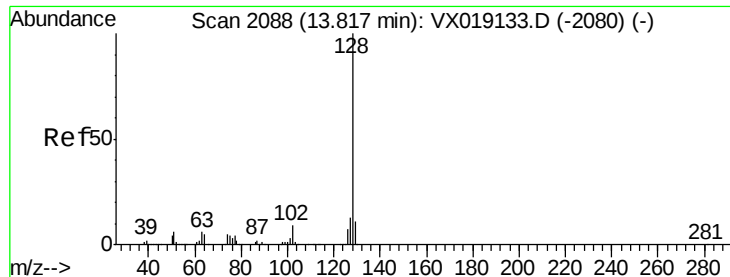
MMDadoda
 10/30/2020 12:00:41 PM



#94
 Hexachlorobutadiene
 Concen: 16.417 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX019191.D
 Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.4	97.2
227	62.4	31.6	94.7





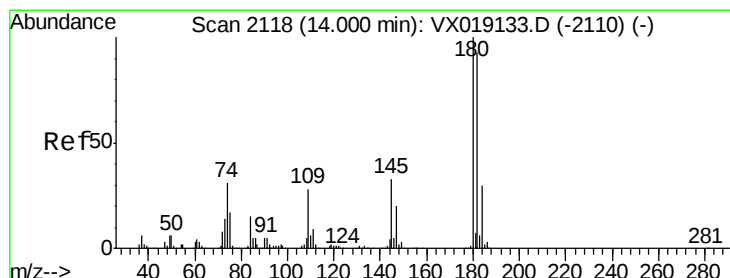
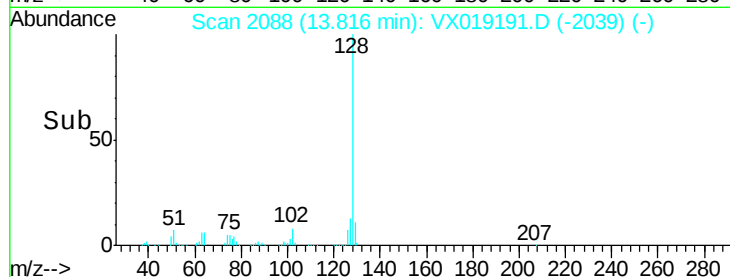
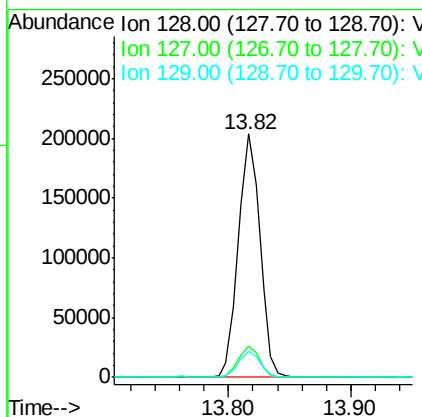
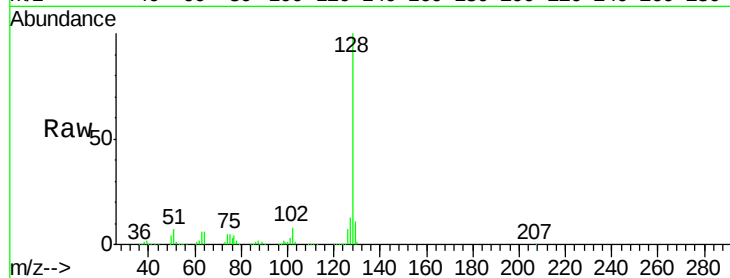
#95
Naphthalene
Concen: 17.089 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/30/2020 12:00:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 16.445 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX019191.D
Acq: 29 Oct 2020 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	34.7	16.5	49.5

