

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071720\
 Data File : VX017413.D
 Acq On : 17 Jul 2020 12:23
 Operator : JC/SP
 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:50:15 AM

Quant Time: Jul 18 07:21:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	495789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	470706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208676	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.46	113	171367	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.70	98	622788	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.12	95	233907	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	61178	23.256	ug/l 98
3) Chloromethane	1.31	50	66424	22.429	ug/l 98
4) Vinyl Chloride	1.39	62	66697	22.765	ug/l 100
5) Bromomethane	1.63	94	45492	23.852	ug/l 94
6) Chloroethane	1.72	64	40397	21.844	ug/l 97
7) Trichlorofluoromethane	1.92	101	106304	21.497	ug/l 96
8) Diethyl Ether	2.17	74	37450	21.425	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63912	22.689	ug/l 96
10) Methyl Iodide	2.50	142	72430	20.854	ug/l 100
11) Tert butyl alcohol	3.01	59	68373	104.007	ug/l 99
12) 1,1-Dichloroethene	2.36	96	62633	22.139	ug/l 93
13) Acrolein	2.28	56	11062	30.697	ug/l 93
14) Allyl chloride	2.71	41	111006	22.644	ug/l 96
15) Acrylonitrile	3.12	53	183669	115.253	ug/l 99
16) Acetone	2.42	43	149438	107.354	ug/l 97
17) Carbon Disulfide	2.55	76	183758	22.265	ug/l 100
18) Methyl Acetate	2.75	43	81512	23.708	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	211078	21.973	ug/l 100
20) Methylene Chloride	2.84	84	79770	23.487	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	71026	21.943	ug/l 94
22) Diisopropyl ether	3.82	45	230615	24.696	ug/l 98
23) Vinyl Acetate	3.79	43	975614	118.797	ug/l 99
24) 1,1-Dichloroethane	3.67	63	127266	23.190	ug/l 99
25) 2-Butanone	4.64	43	245140	110.877	ug/l 97
26) 2,2-Dichloropropane	4.55	77	111785	21.887	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	75638	21.309	ug/l 96
28) Bromochloromethane	4.98	49	64167	25.311	ug/l 92
29) Tetrahydrofuran	5.09	42	164900	115.220	ug/l 96
30) Chloroform	5.18	83	132119	22.376	ug/l 98
31) Cyclohexane	5.55	56	101283	22.544	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	118567	21.722	ug/l 98
36) 1,1-Dichloropropene	5.77	75	94850	20.799	ug/l 99
37) Ethyl Acetate	4.79	43	100038	21.212	ug/l 98
38) Carbon Tetrachloride	5.75	117	106409	19.929	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071720\
 Data File : VX017413.D
 Acq On : 17 Jul 2020 12:23
 Operator : JC/SP
 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0717WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:50:15 AM

Quant Time: Jul 18 07:21:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	97235	19.634	ug/l	92
40) Benzene	6.11	78	277641	21.184	ug/l	99
41) Methacrylonitrile	5.01	41	54095	21.366	ug/l	98
42) 1,2-Dichloroethane	6.16	62	104716	20.565	ug/l	99
43) Isopropyl Acetate	6.42	43	155645	20.653	ug/l	99
44) Trichloroethene	7.19	130	81046	20.245	ug/l	96
45) 1,2-Dichloropropane	7.49	63	75144	22.408	ug/l	96
46) Dibromomethane	7.63	93	51554	21.316	ug/l	95
47) Bromodichloromethane	7.88	83	106693	21.101	ug/l	97
48) Methyl methacrylate	7.74	41	77391	21.400	ug/l	97
49) 1,4-Dioxane	7.71	88	28039	378.877	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	500574	108.937	ug/l	98
52) Toluene	8.77	92	179813	21.380	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	108391	19.898	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	119846	20.628	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	74755	21.316	ug/l	98
56) Ethyl methacrylate	9.16	69	99634	20.011	ug/l	99
57) 1,3-Dichloropropane	9.35	76	122085	20.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	270793	107.112	ug/l	97
59) 2-Hexanone	9.47	43	373733	107.761	ug/l	98
60) Dibromochloromethane	9.57	129	84340	19.685	ug/l	100
61) 1,2-Dibromoethane	9.65	107	78717	20.633	ug/l	99
64) Tetrachloroethene	9.32	164	74667	18.327	ug/l	96
65) Chlorobenzene	10.12	112	191732	20.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	74939	19.677	ug/l	97
67) Ethyl Benzene	10.24	91	325512	20.441	ug/l	98
68) m/p-Xylenes	10.34	106	255870	42.230	ug/l	96
69) o-Xylene	10.68	106	115396	19.932	ug/l	99
70) Styrene	10.70	104	207854	20.915	ug/l	99
71) Bromoform	10.84	173	61580	19.162	ug/l #	99
73) Isopropylbenzene	11.00	105	321178	20.471	ug/l	100
74) N-amyl acetate	10.88	43	132164	21.051	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	107015	22.465	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	100978m	21.834	ug/l	
77) Bromobenzene	11.24	156	89733	20.081	ug/l	97
78) n-propylbenzene	11.34	91	370340	21.018	ug/l	99
79) 2-Chlorotoluene	11.40	91	223990	20.628	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	274820	20.635	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	36620	20.087	ug/l	96
82) 4-Chlorotoluene	11.49	91	269666	20.955	ug/l	99
83) tert-Butylbenzene	11.76	119	259932	20.190	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	279045	20.739	ug/l	99
85) sec-Butylbenzene	11.93	105	305049	20.239	ug/l	99
86) p-Isopropyltoluene	12.05	119	289489	20.298	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	157742	19.733	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	160240	19.841	ug/l	98
89) n-Butylbenzene	12.37	91	244323	20.087	ug/l	98
90) Hexachloroethane	12.58	117	55545	20.515	ug/l	90
91) 1,2-Dichlorobenzene	12.37	146	151637	20.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23791	18.927	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
Data File : VX017413.D
Acq On : 17 Jul 2020 12:23
Operator : JC/SP
Sample : VX0717WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM

Quant Time: Jul 18 07:21:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	95196	18.255	ug/l	99
94) Hexachlorobutadiene	13.76	225	40243	18.924	ug/l	99
95) Naphthalene	13.82	128	291333	19.001	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	94814	18.823	ug/l	99

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

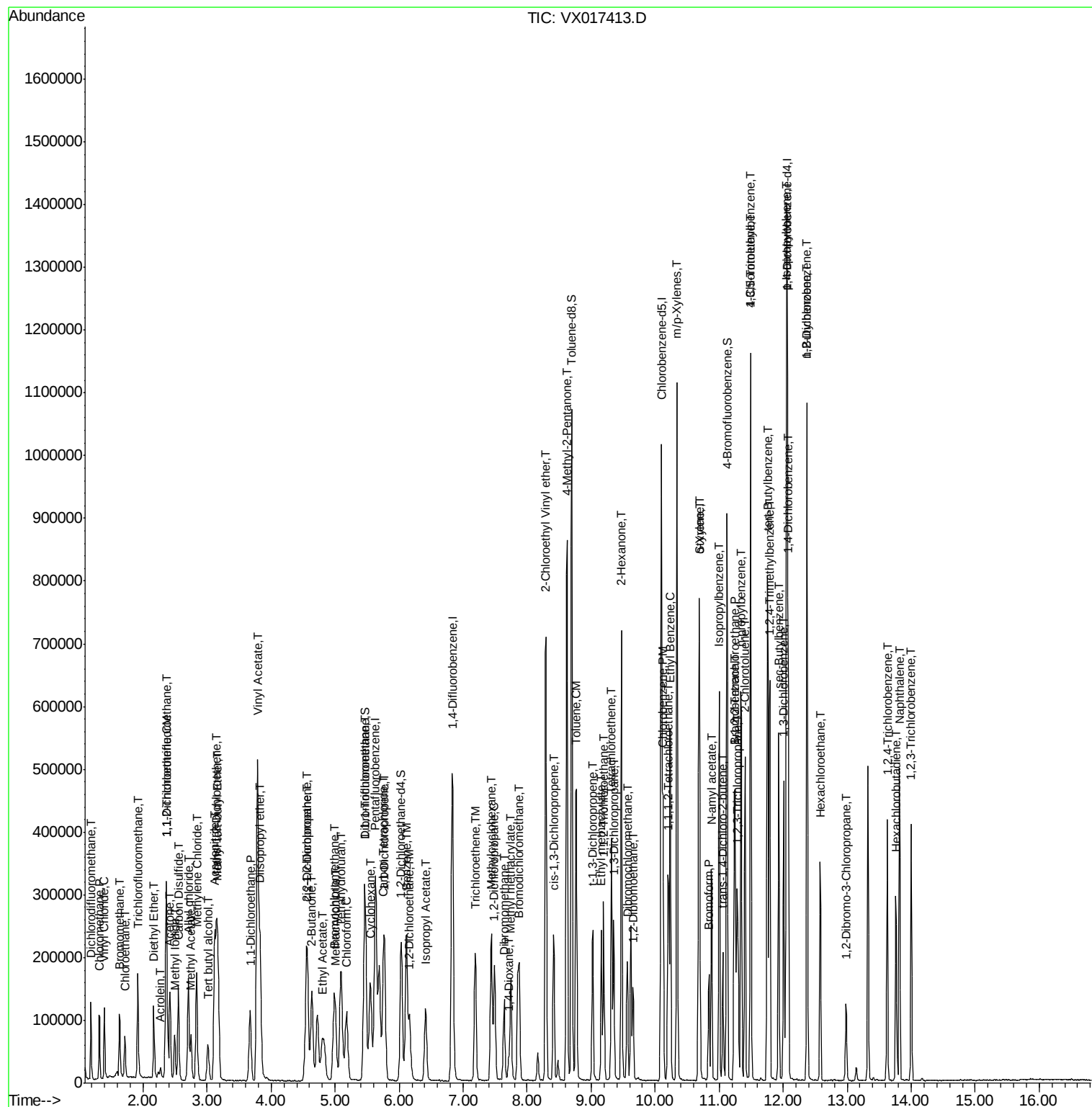
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071720\
Data File : VX017413.D
Acq On : 17 Jul 2020 12:23
Operator : JC/SP
Sample : VX0717WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

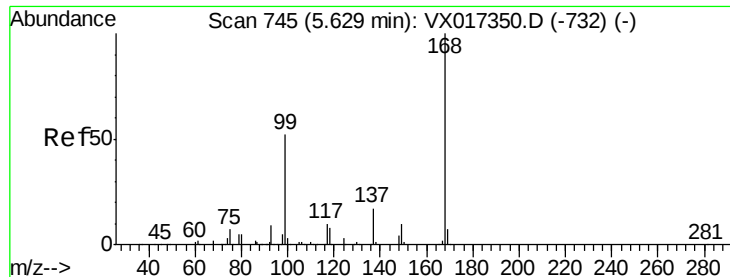
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM

Quant Time: Jul 18 07:21:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion:168 Resp: 310883

Ion Ratio Lower Upper

168 100

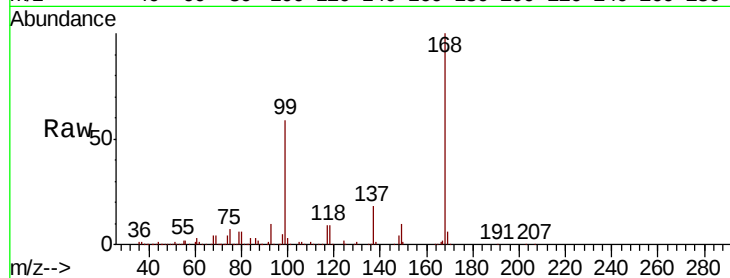
99 58.7 41.6 62.4

Manual Integrations

APPROVED

MMDadoda

7/20/2020 11:50:15 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

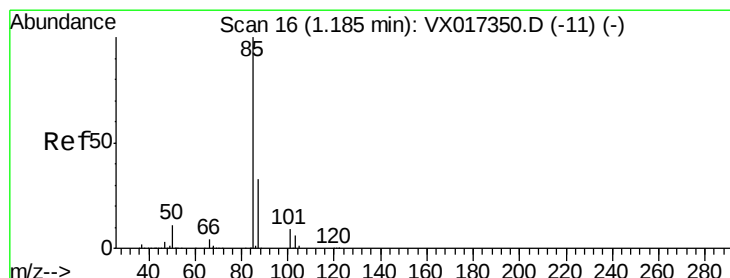
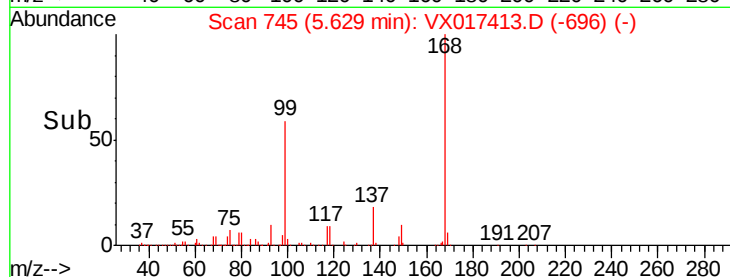
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.256 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017413.D

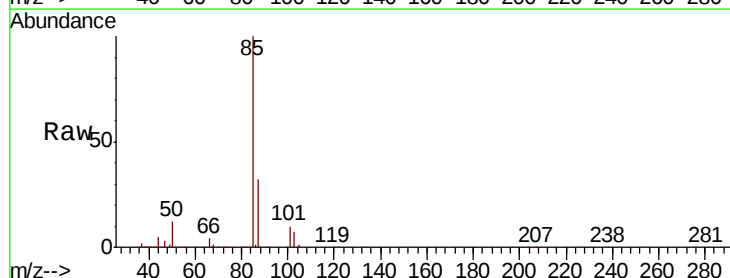
Acq: 17 Jul 2020 12:23

Tgt Ion: 85 Resp: 61178

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

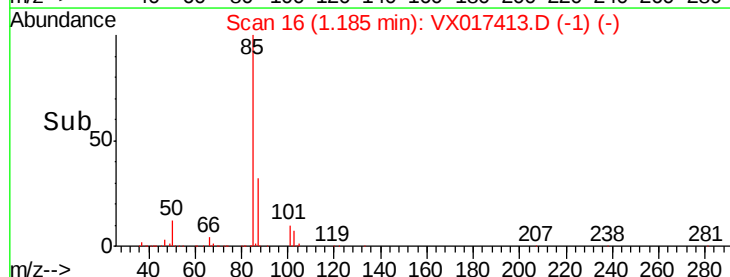
60000

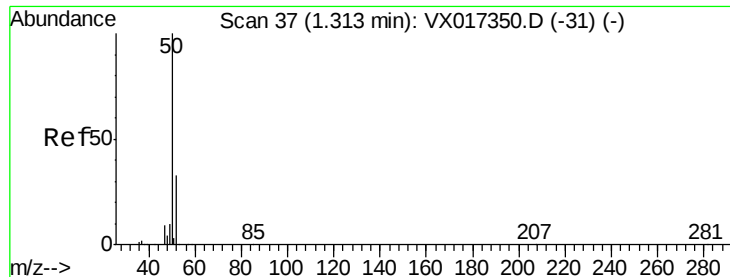
40000

20000

0

Time-->





#3

Chloromethane

Concen: 22.429 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 50 Resp: 66424

Ion Ratio Lower Upper

50 100

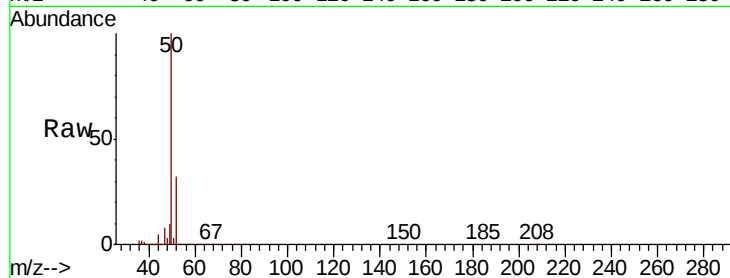
52 32.1 26.7 40.1

Manual Integrations

APPROVED

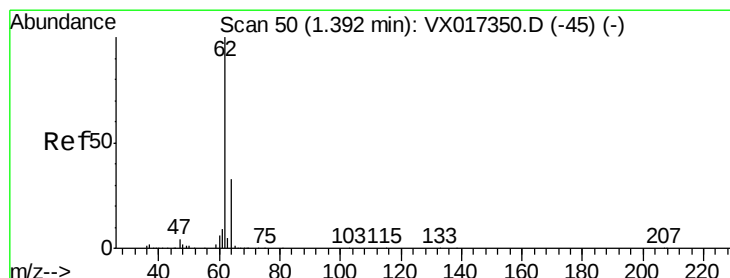
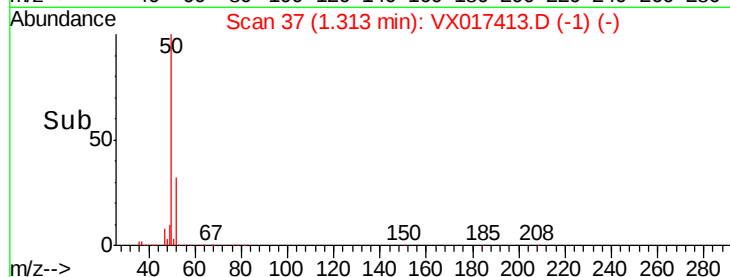
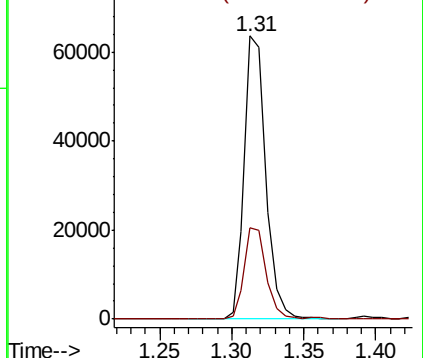
MMDadoda

7/20/2020 11:50:15 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.765 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017413.D

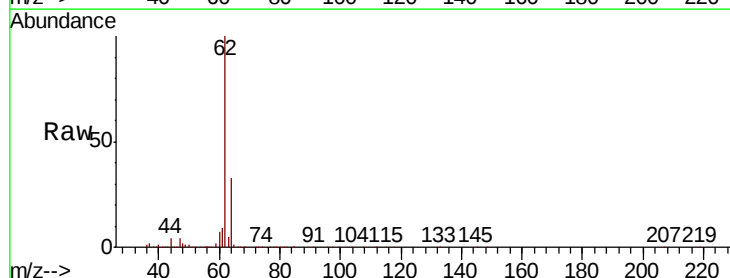
Acq: 17 Jul 2020 12:23

Tgt Ion: 62 Resp: 66697

Ion Ratio Lower Upper

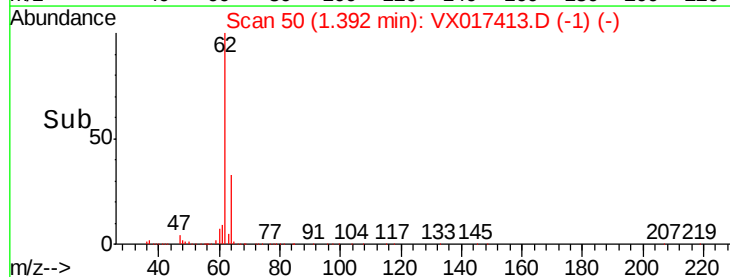
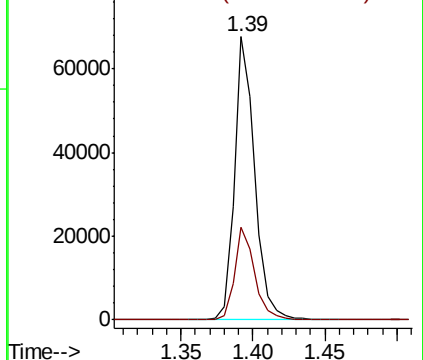
62 100

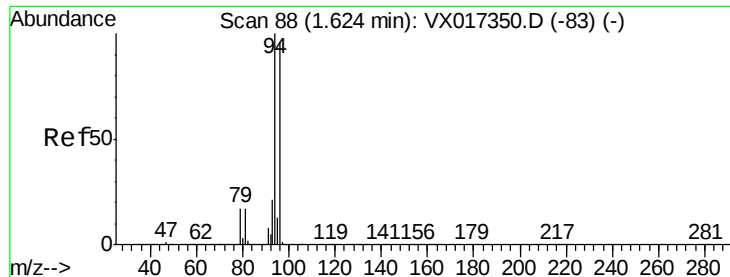
64 32.7 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.852 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 94 Resp: 45492

Ion Ratio Lower Upper

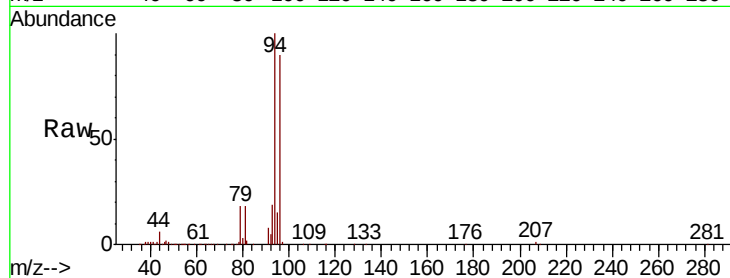
94 100

96 89.9 76.6 115.0

Manual Integrations
APPROVED

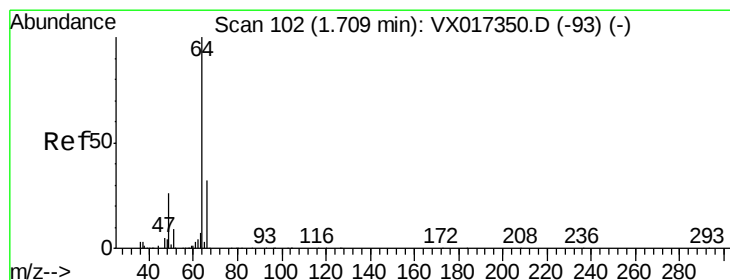
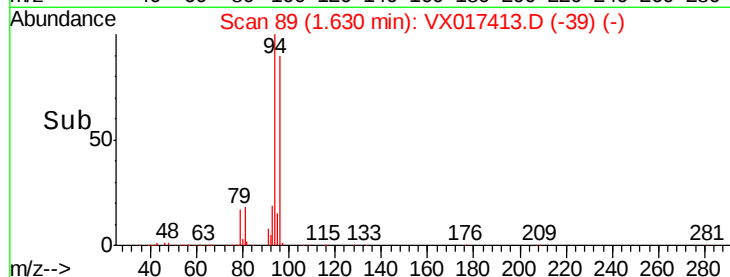
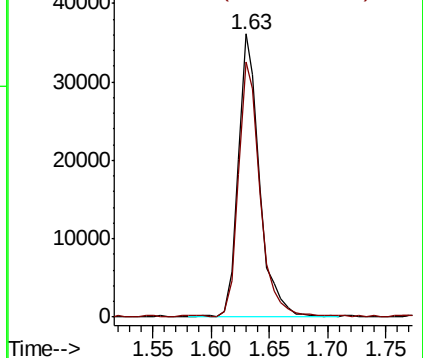
MMDadoda

7/20/2020 11:50:15 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.844 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017413.D

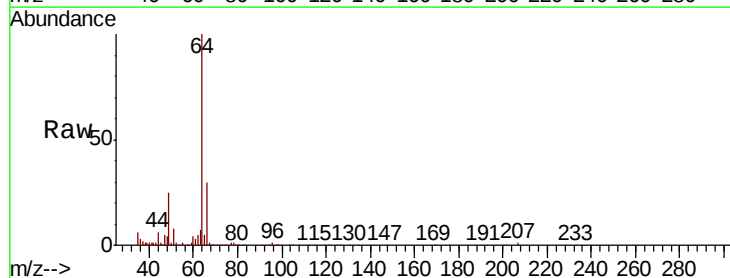
Acq: 17 Jul 2020 12:23

Tgt Ion: 64 Resp: 40397

Ion Ratio Lower Upper

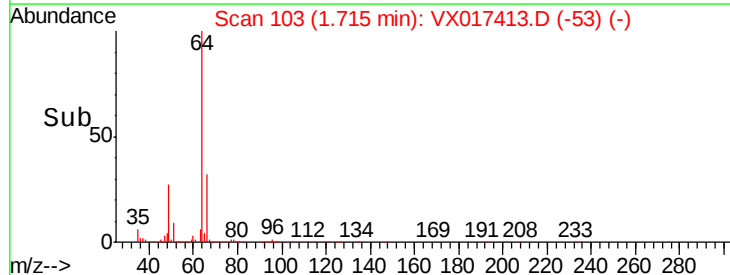
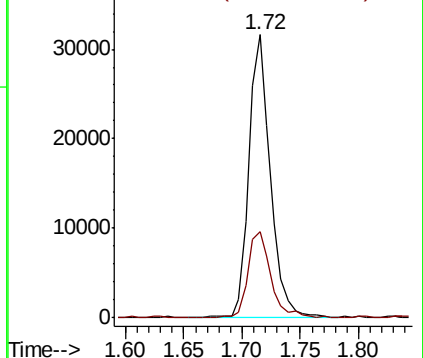
64 100

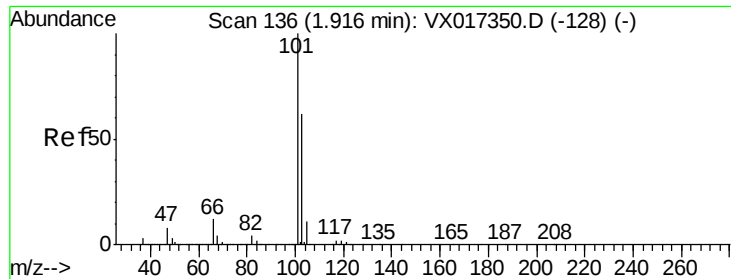
66 30.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

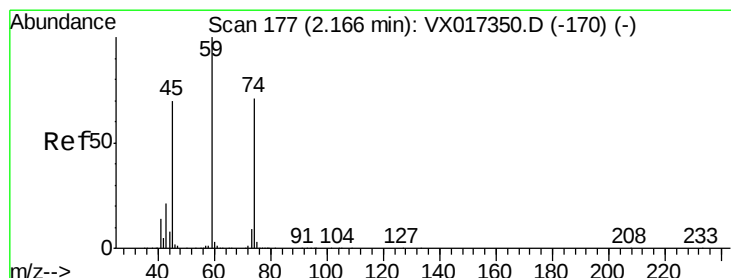
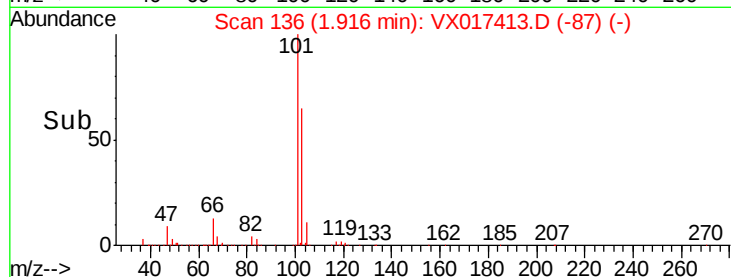
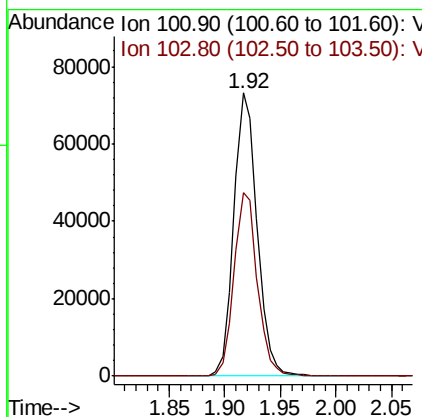
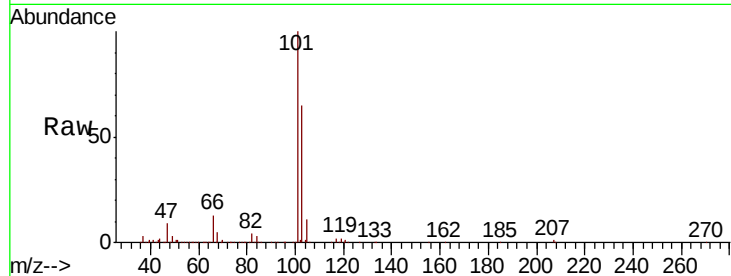
Trichlorofluoromethane
Concen: 21.497 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	49.6	74.4

Manual Integrations
APPROVED

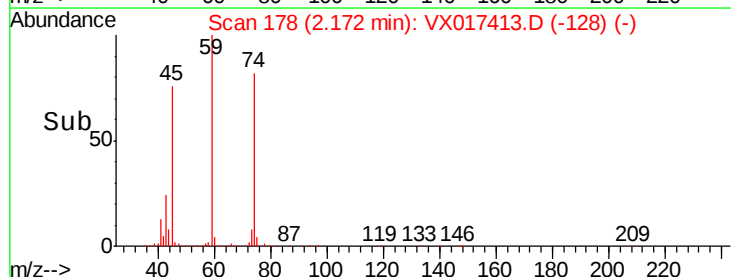
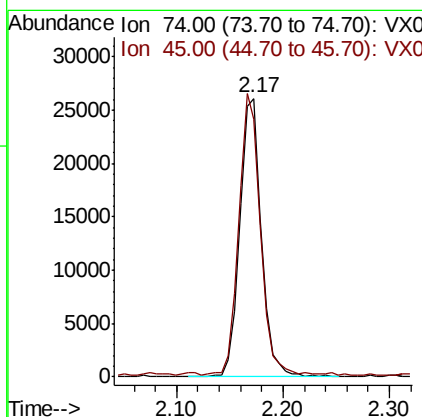
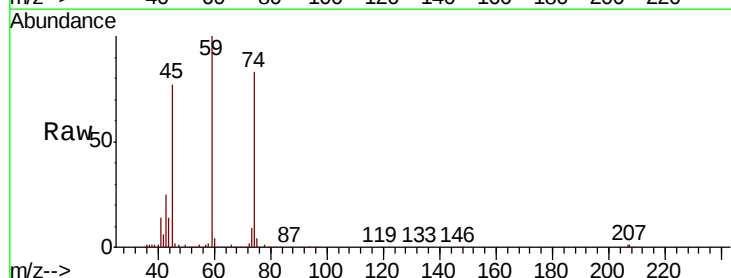
MMDadoda
7/20/2020 11:50:15 AM

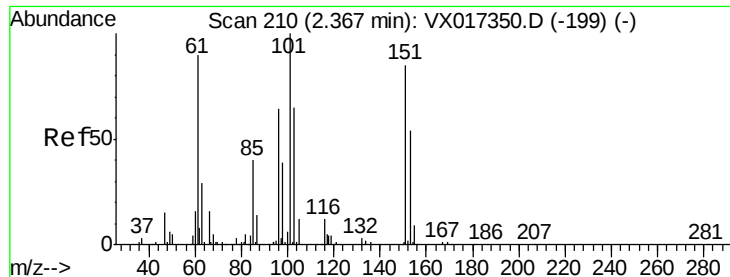


#8

Diethyl Ether
Concen: 21.425 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.689 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

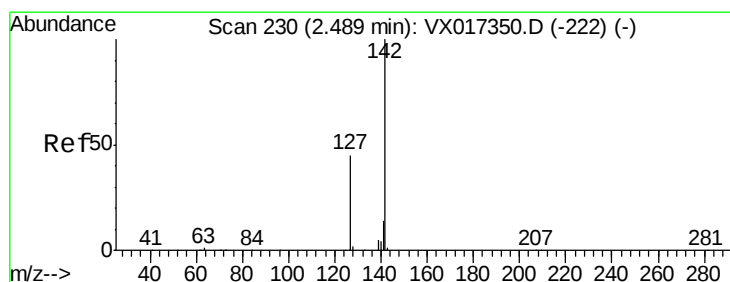
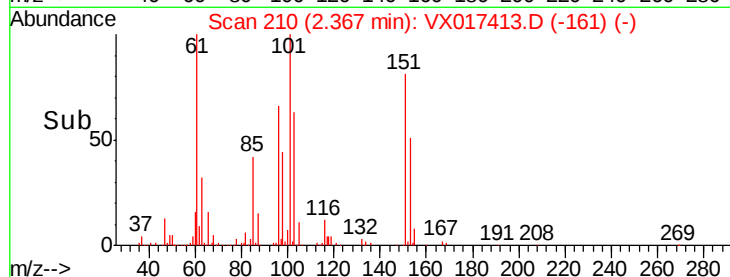
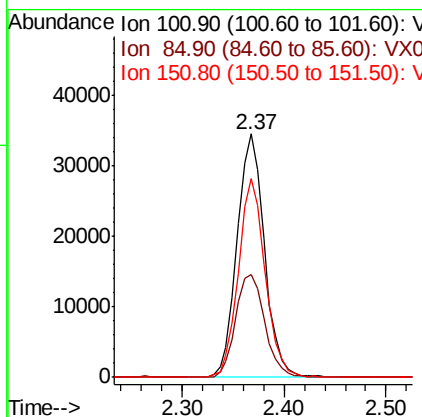
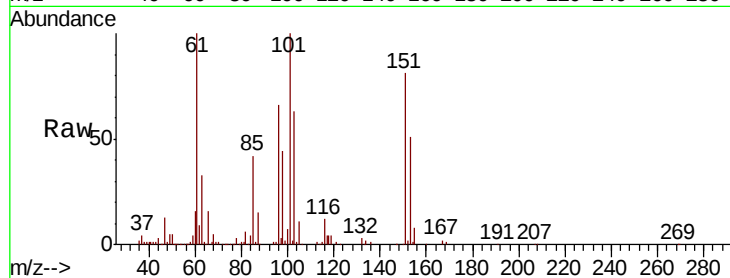
ClientSampleId :

VX0717WBS01

Tot Ion:	101	Resp:	63912
Ion Ratio	Lower	Upper	
101	100		
85	45.1	33.7	50.5
151	80.1	66.4	99.6

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#10

Methyl Iodide

Concen: 20.854 ug/l

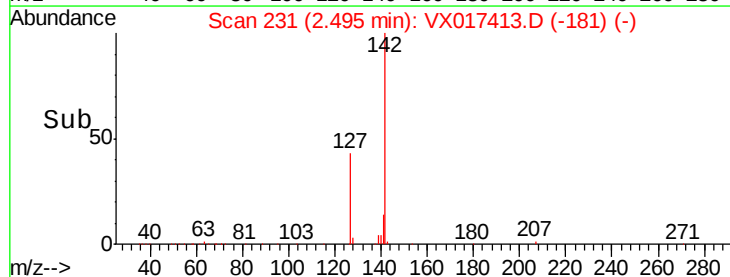
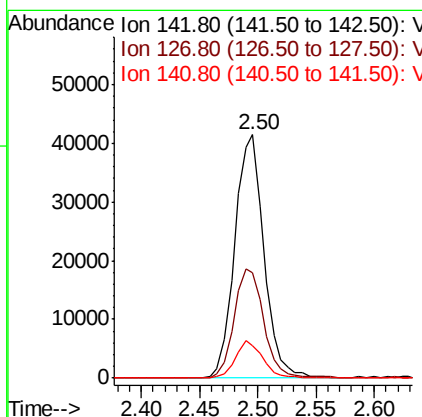
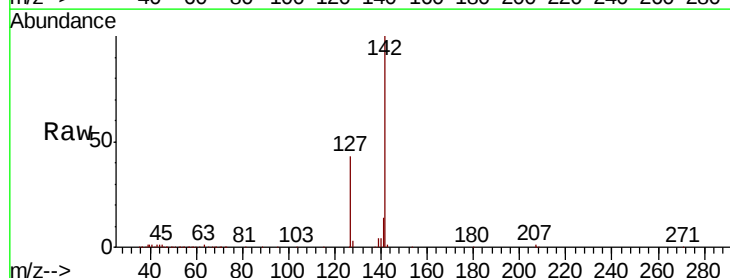
RT: 2.50 min Scan# 231

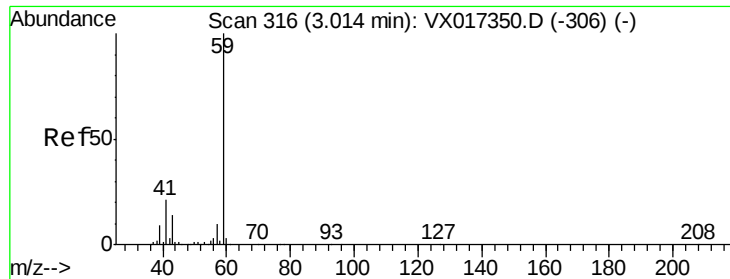
Delta R.T. 0.01 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion:	142	Resp:	72430
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.8	55.2
141	14.7	11.4	17.0





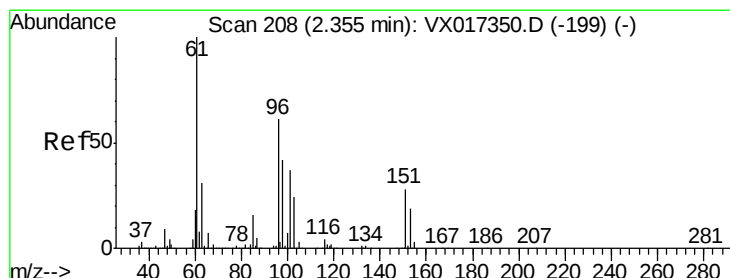
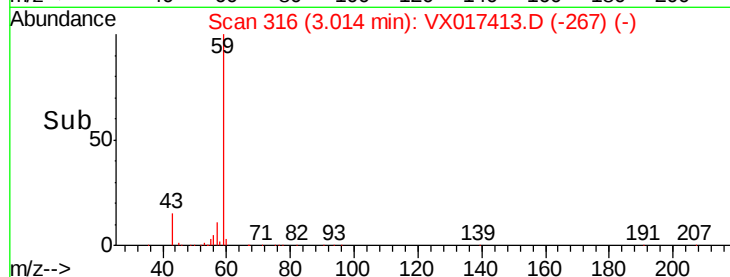
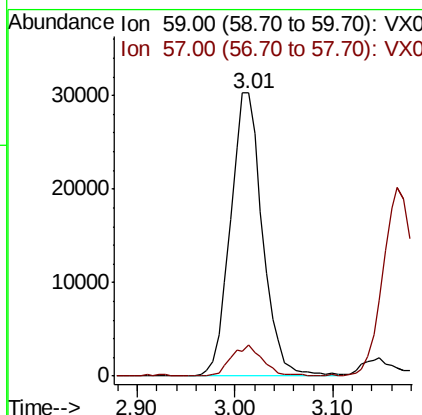
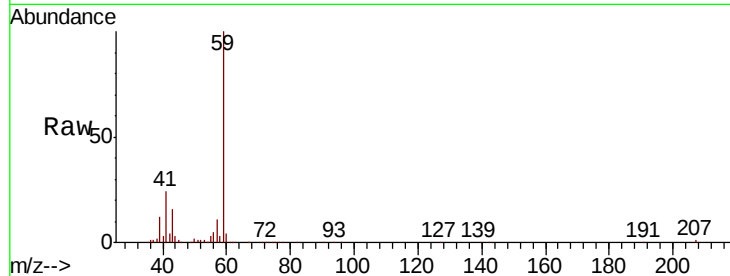
#11
Tert butyl alcohol
Concen: 104.007 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	59	Resp	68373
Ion Ratio	100	Lower	Upper
57	11.0	8.3	12.5

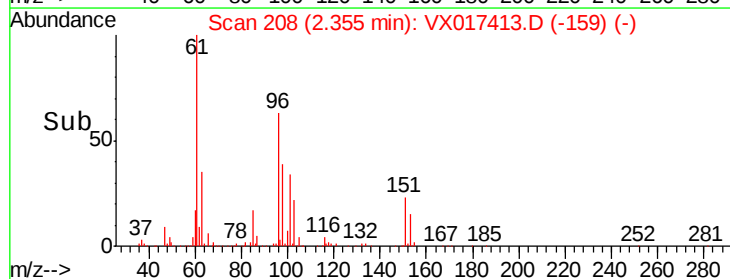
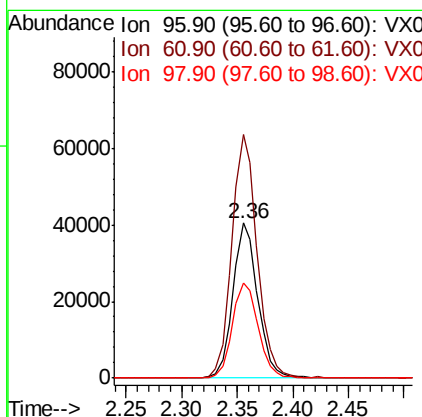
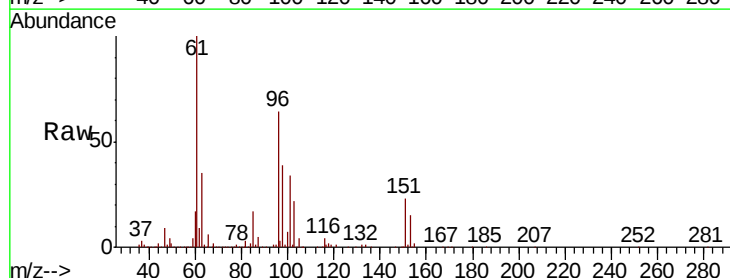
Manual Integrations
APPROVED

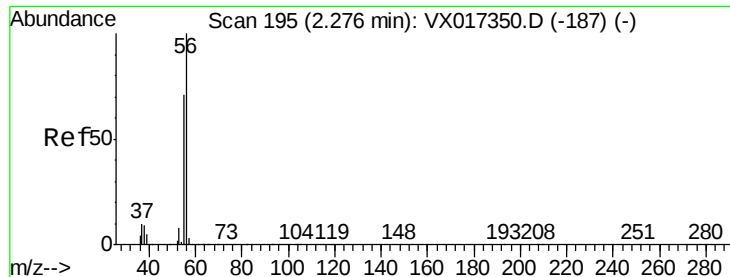
MMDadoda
7/20/2020 11:50:15 AM



#12
1,1-Dichloroethene
Concen: 22.139 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	96	Resp	62633
Ion Ratio	100	Lower	Upper
61	157.2	131.5	197.3
98	60.9	55.1	82.7





#13

Acrolein

Concen: 30.697 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 56 Resp: 11062

Ion Ratio Lower Upper

56 100

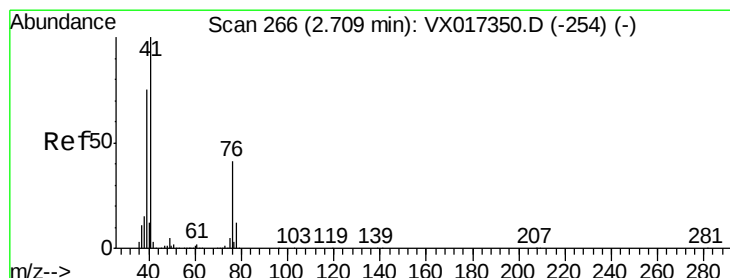
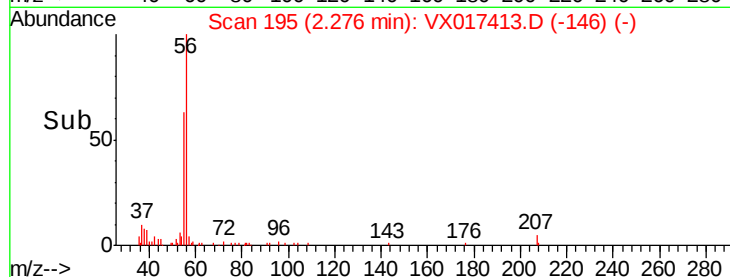
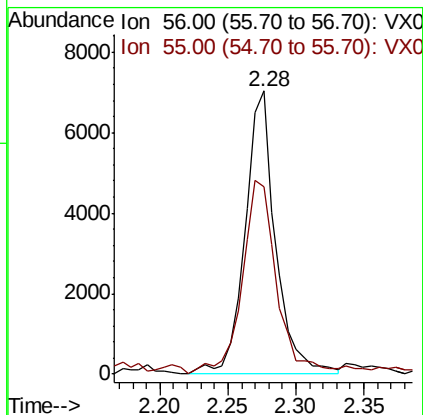
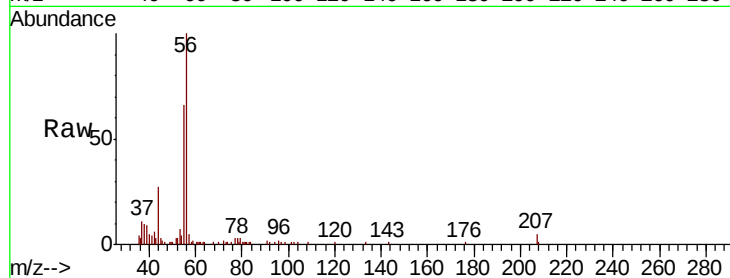
55 77.4 57.1 85.7

Manual Integrations

APPROVED

MMDadoda

7/20/2020 11:50:15 AM



#14

Allyl chloride

Concen: 22.644 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

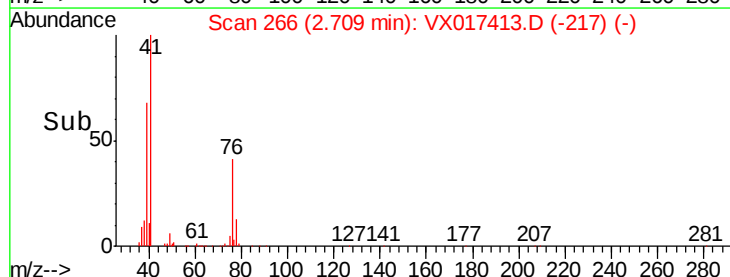
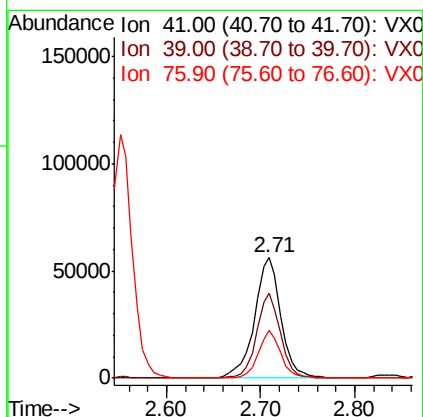
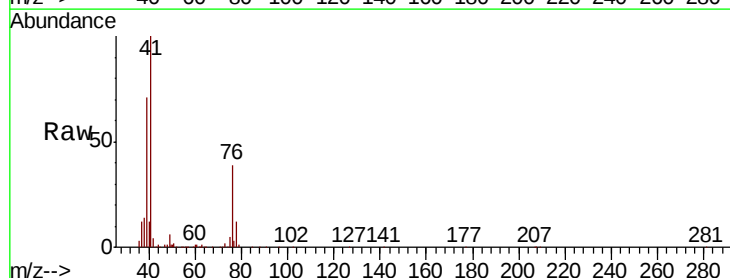
Tgt Ion: 41 Resp: 111006

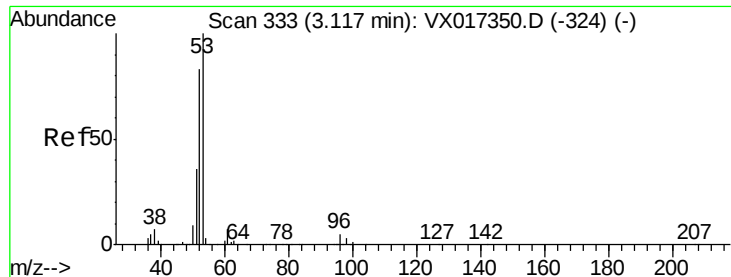
Ion Ratio Lower Upper

41 100

39 62.9 53.0 79.4

76 33.1 28.2 42.2





#15

Acrylonitrile

Concen: 115.253 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

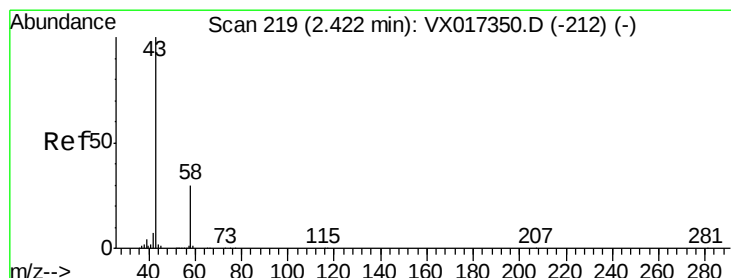
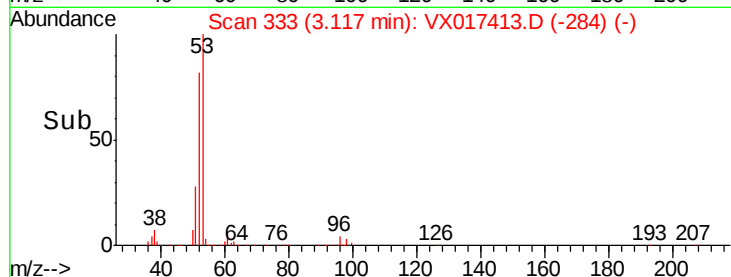
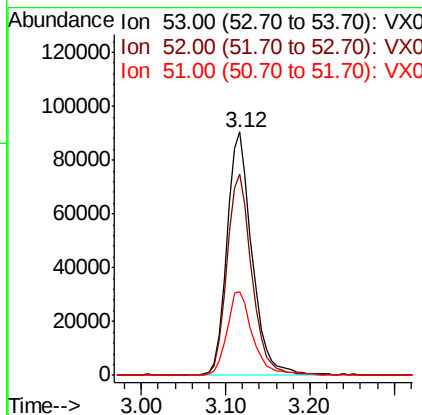
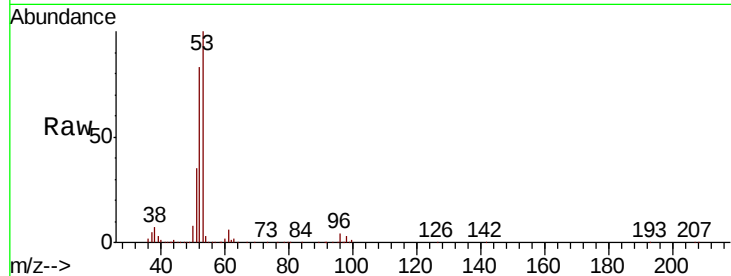
ClientSampleId :

VX0717WBS01

Tot Ion	53	Resp	183669
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.8	98.6
51	35.2	29.2	43.8

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#16

Acetone

Concen: 107.354 ug/l

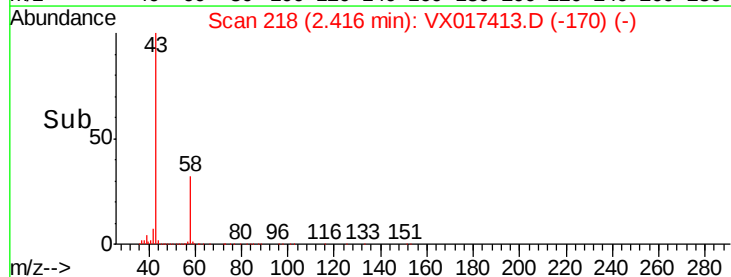
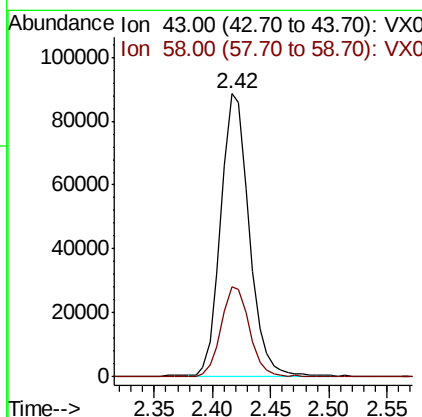
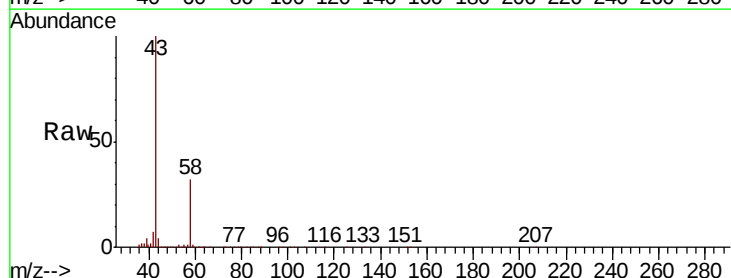
RT: 2.42 min Scan# 218

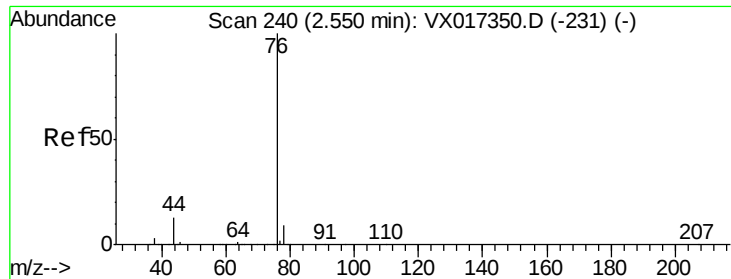
Delta R.T. -0.01 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion	43	Resp	149438
Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.2	36.2





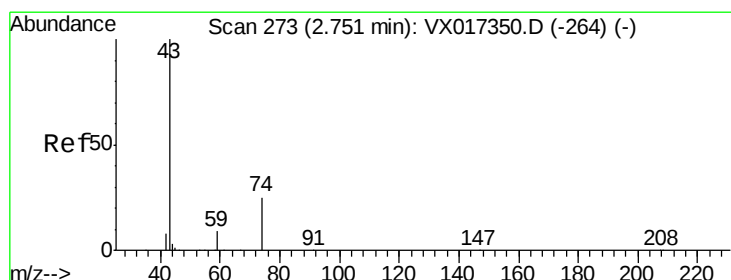
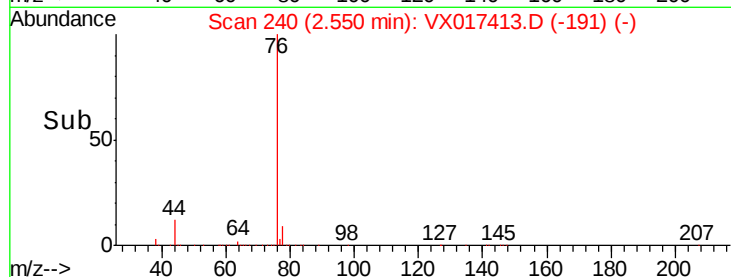
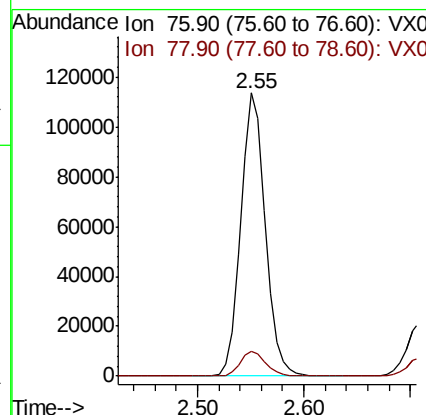
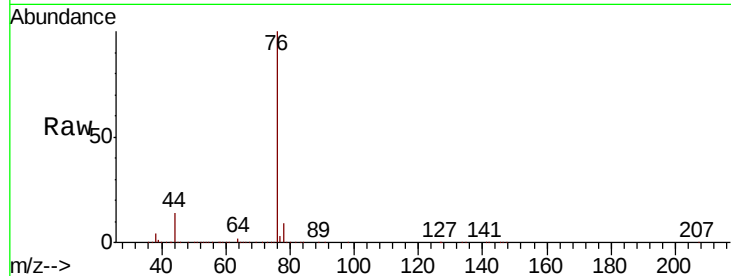
#17
Carbon Disulfide
Concen: 22.265 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

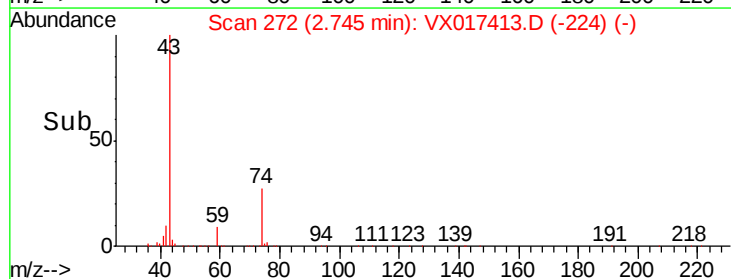
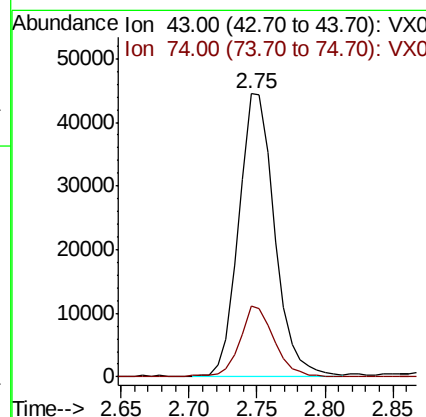
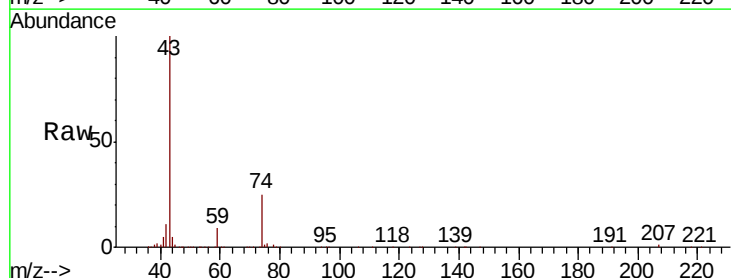
Manual Integrations
APPROVED

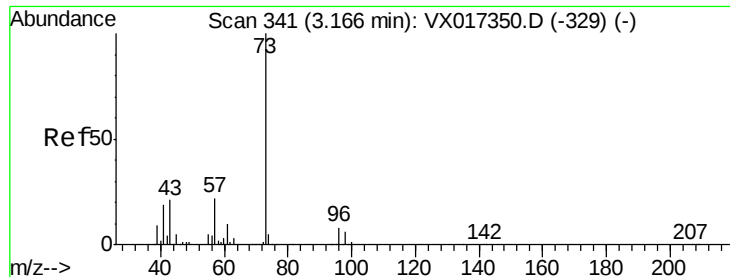
MMDadoda
7/20/2020 11:50:15 AM



#18
Methyl Acetate
Concen: 23.708 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.2





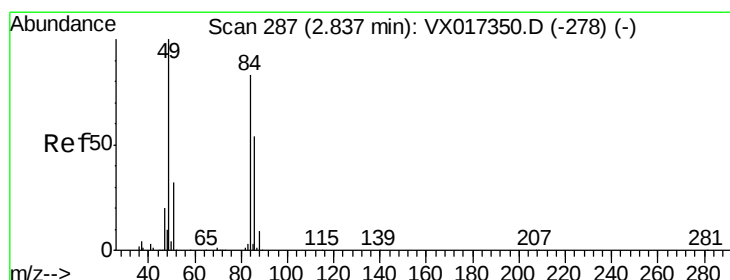
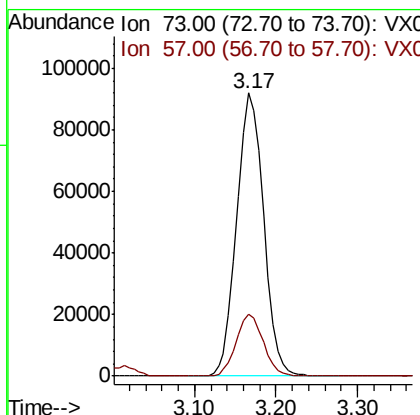
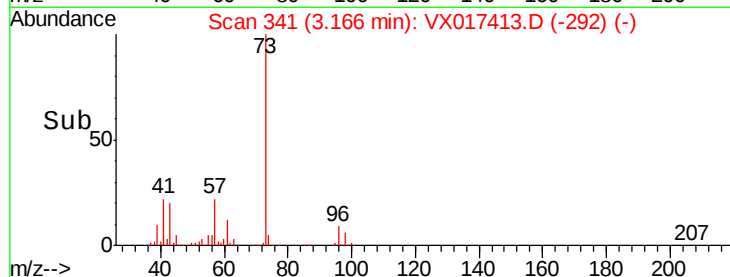
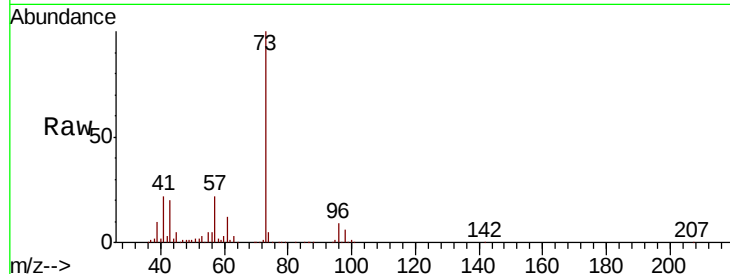
#19
Methvl tert-butvl Ether
Concen: 21.973 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion: 73 Resp: 211078
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3

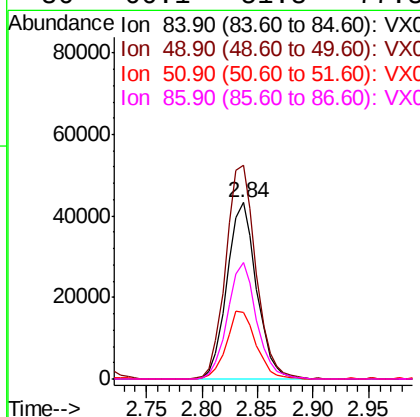
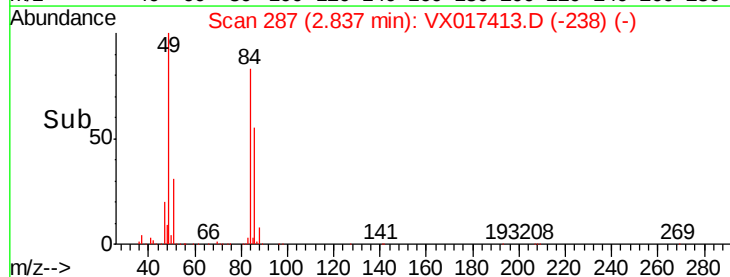
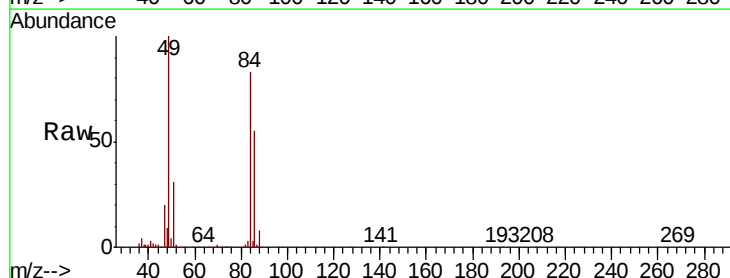
Manual Integrations
APPROVED

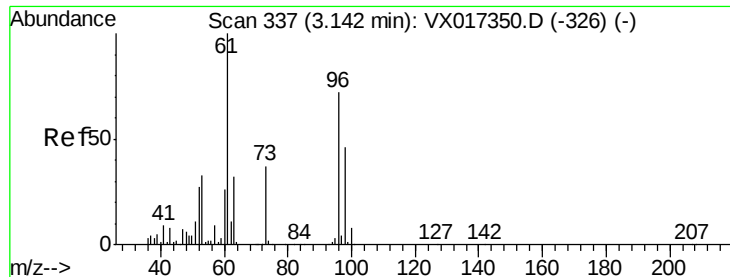
MMDadoda
7/20/2020 11:50:15 AM



#20
Methylene Chloride
Concen: 23.487 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion: 84 Resp: 79770
Ion Ratio Lower Upper
84 100
49 120.9 95.8 143.8
51 37.3 31.0 46.4
86 66.1 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.943 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 96 Resp: 71026

Ion Ratio Lower Upper

96 100

61 132.8 111.1 166.7

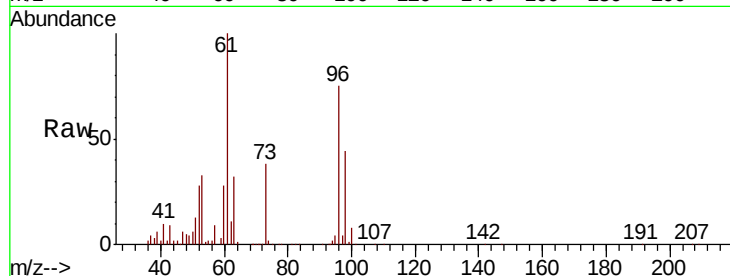
98 58.2 51.4 77.0

Manual Integrations

APPROVED

MMDadoda

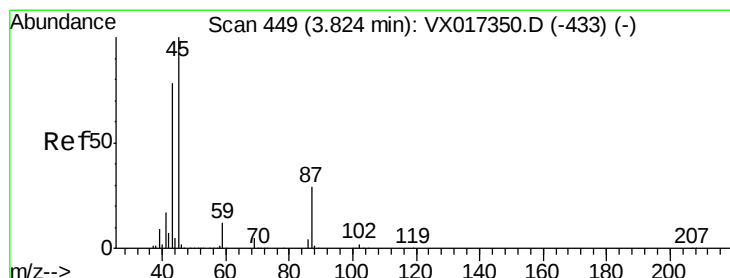
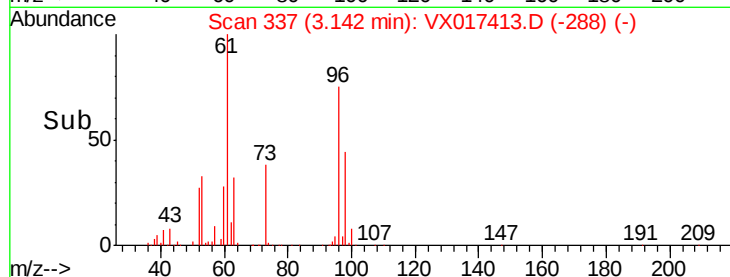
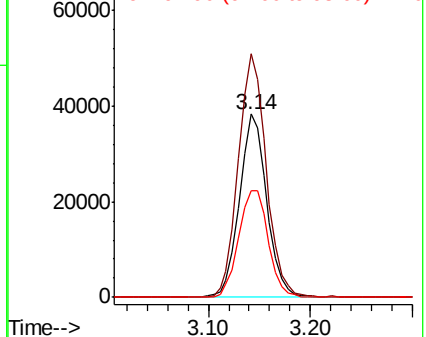
7/20/2020 11:50:15 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 24.696 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion: 45 Resp: 230615

Ion Ratio Lower Upper

45 100

43 78.8 62.2 93.2

87 26.8 23.0 34.6

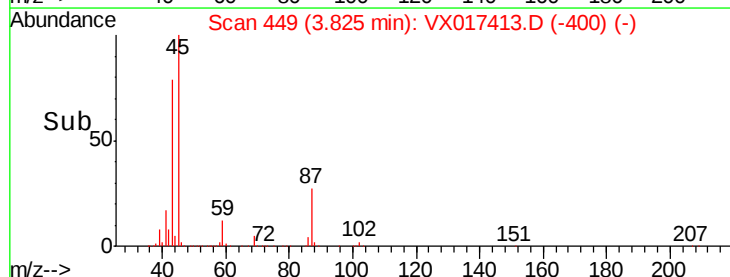
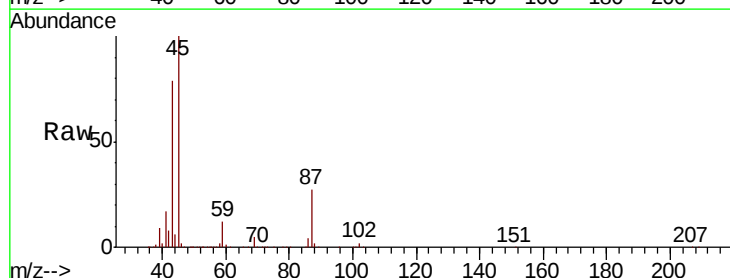
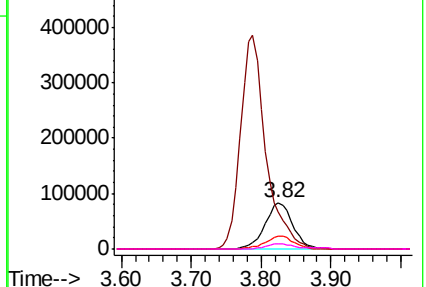
59 11.5 9.6 14.4

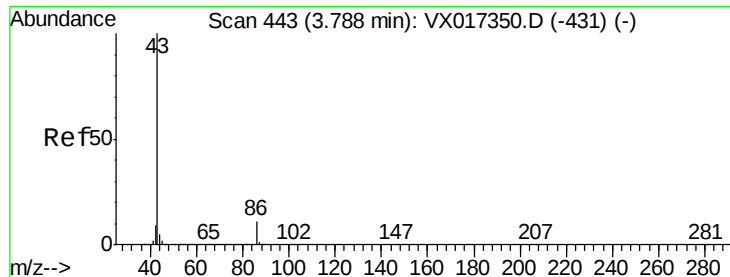
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 118.797 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampled :

VX0717WBS01

Tot Ion: 43 Resp: 975614

Ion Ratio Lower Upper

43 100

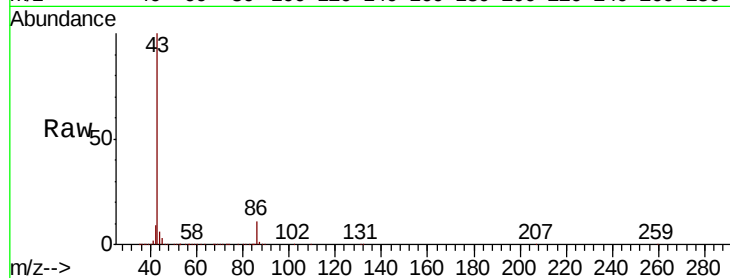
86 11.0 9.0 13.4

Manual Integrations

APPROVED

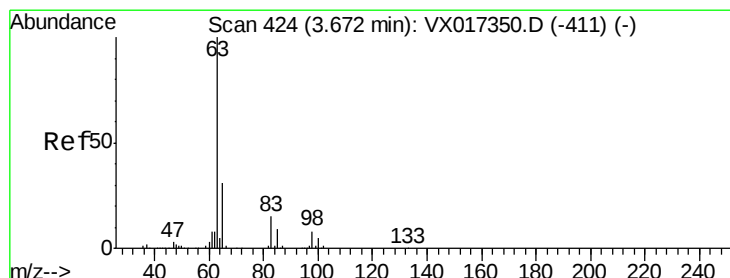
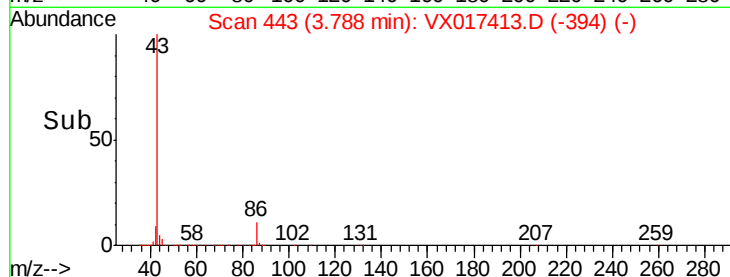
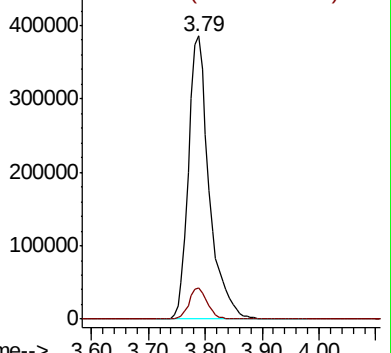
MMDadoda

7/20/2020 11:50:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.190 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

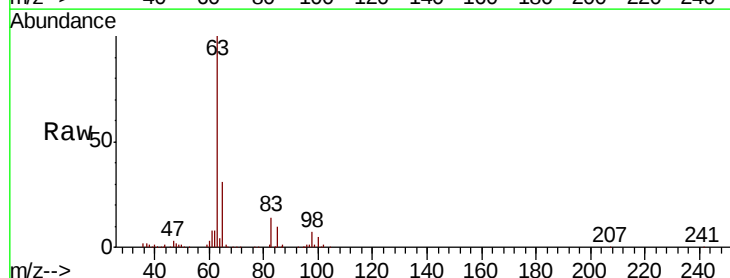
Tgt Ion: 63 Resp: 127266

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

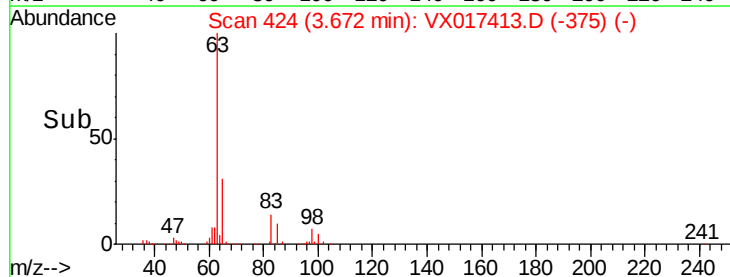
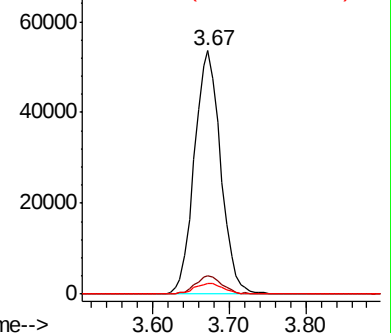
100 4.5 2.5 7.5

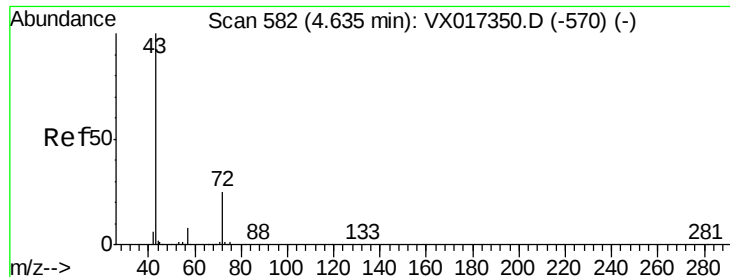


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





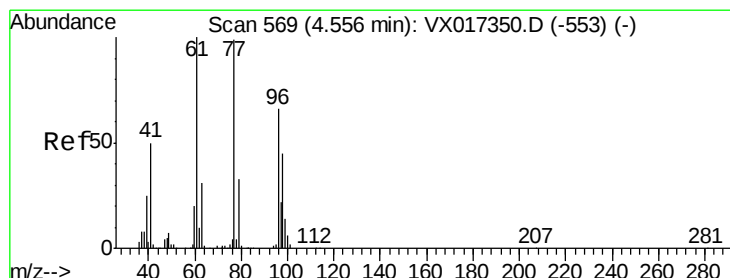
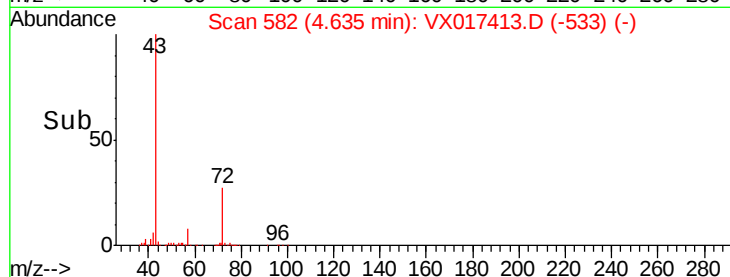
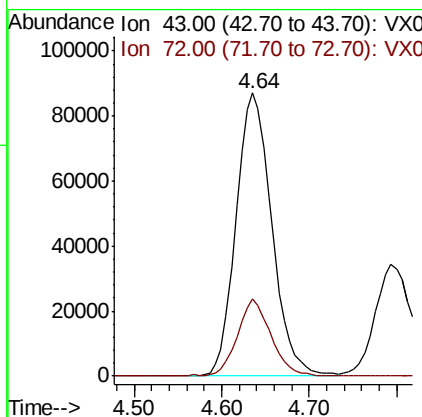
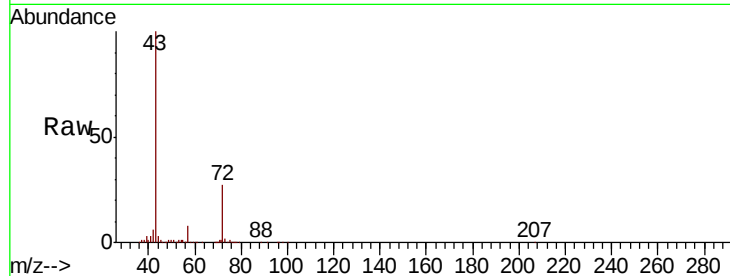
#25
2-Butanone
Concen: 110.877 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion: 43 Resp: 245140
Ion Ratio Lower Upper
43 100
72 27.2 20.4 30.6

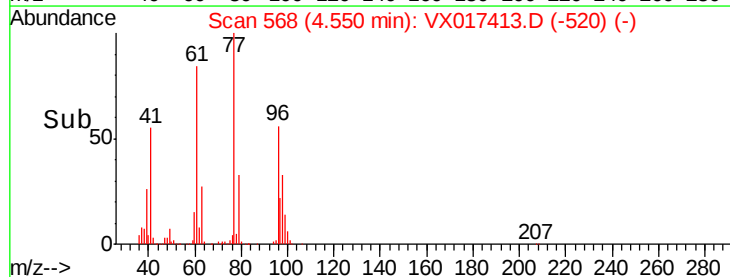
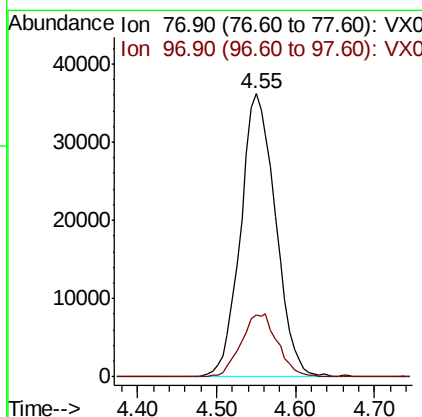
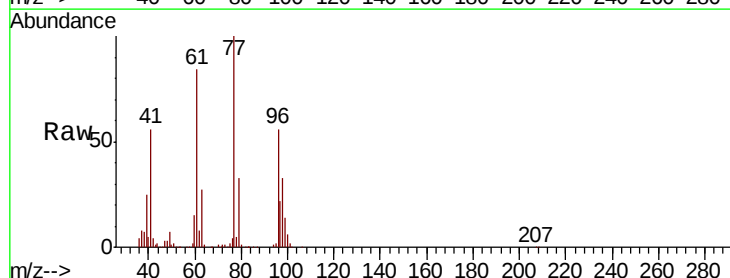
Manual Integrations
APPROVED

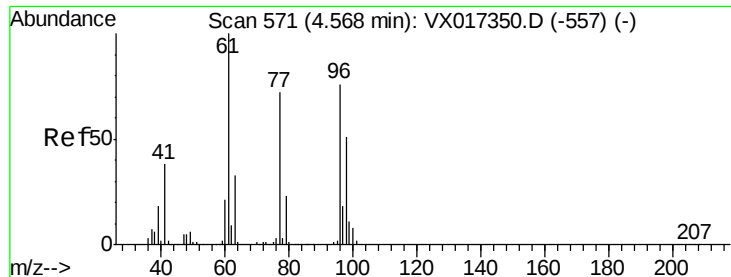
MMDadoda
7/20/2020 11:50:15 AM



#26
2,2-Dichloropropane
Concen: 21.887 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion: 77 Resp: 111785
Ion Ratio Lower Upper
77 100
97 23.2 11.1 33.3





#27

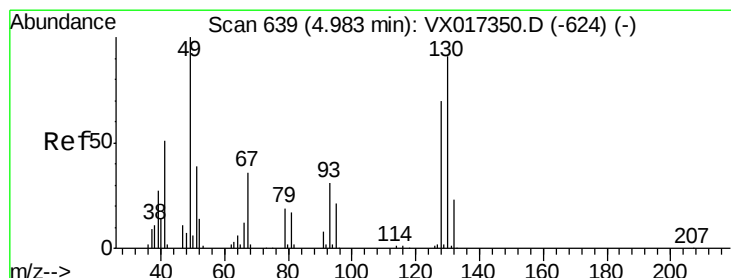
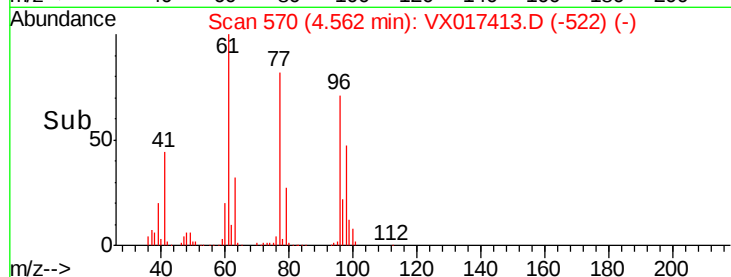
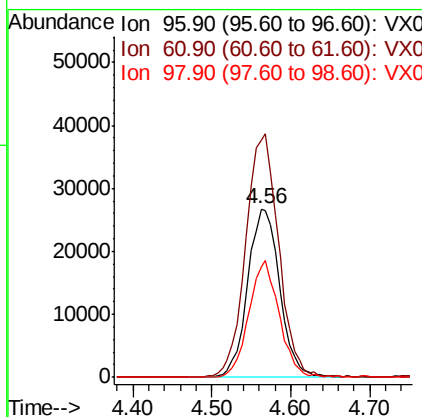
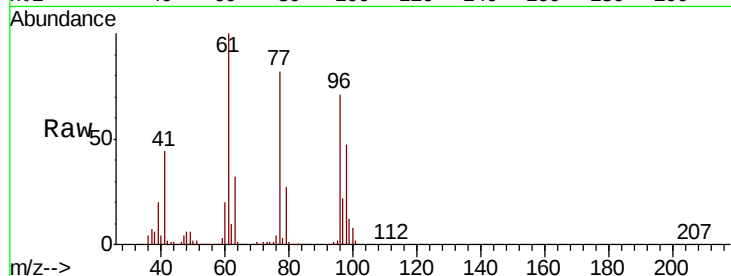
cis-1,2-Dichloroethene
Concen: 21.309 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	281.2
98	65.7	0.0	131.4

Manual Integrations
APPROVED

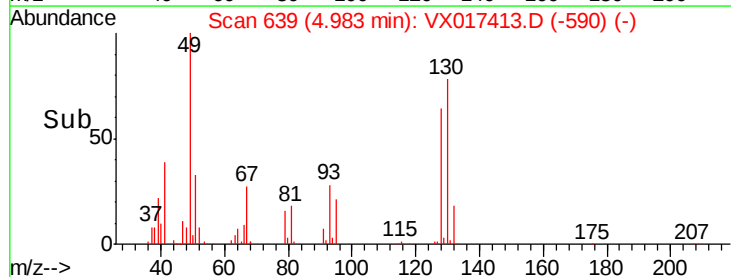
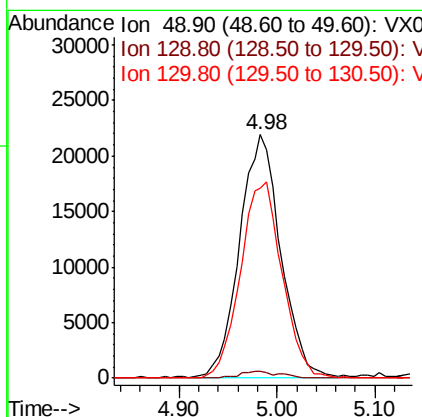
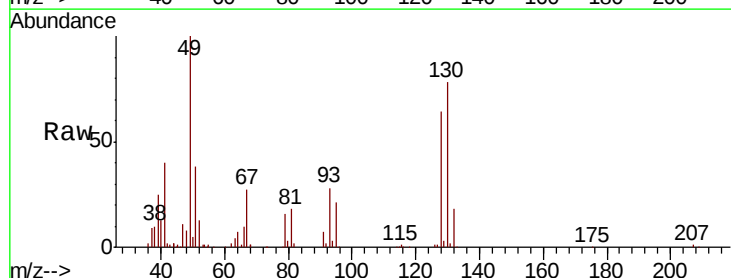
MMDadoda
7/20/2020 11:50:15 AM

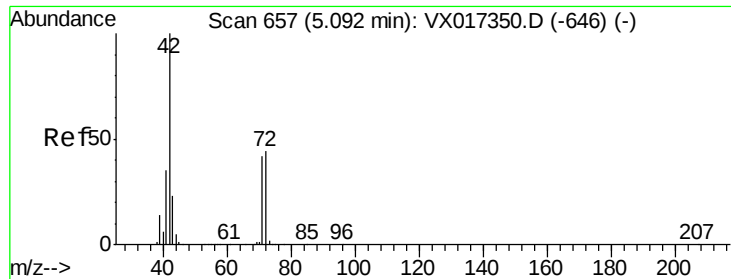


#28

Bromochloromethane
Concen: 25.311 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	81.3	71.1	106.7





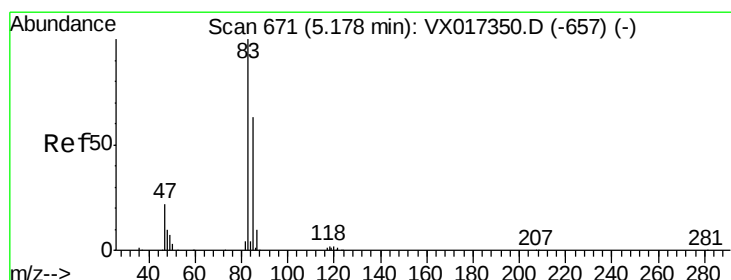
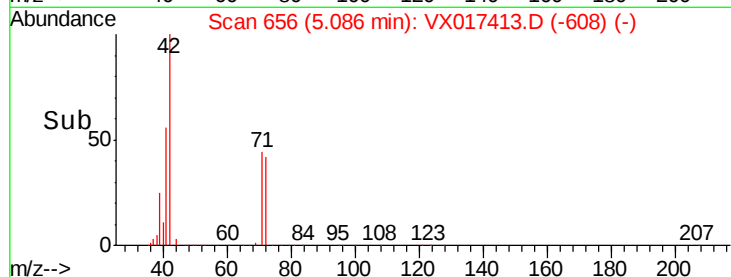
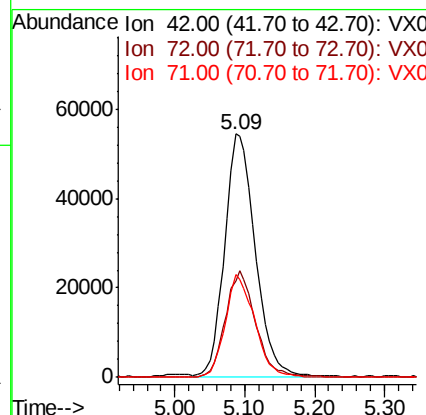
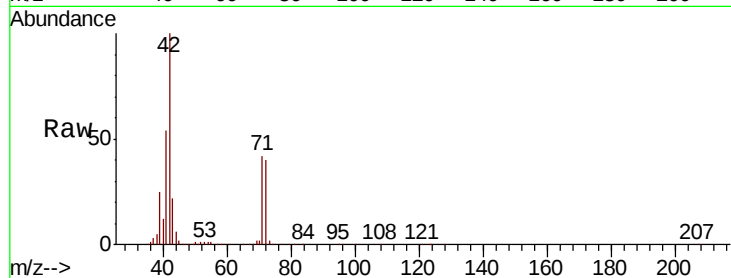
#29
Tetrahydrofuran
Concen: 115.220 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	37.2	55.8
71	40.8	34.4	51.6

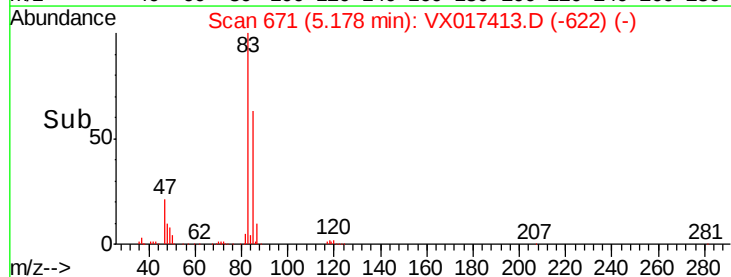
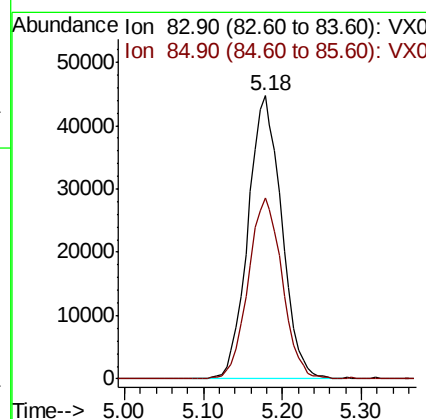
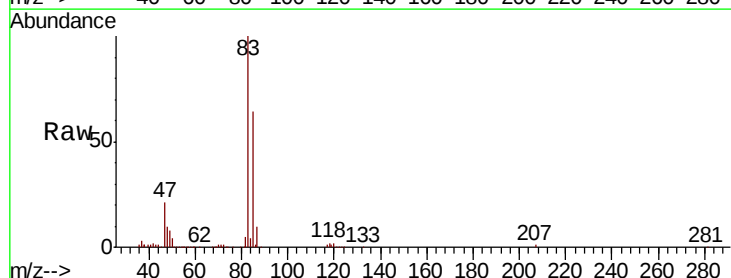
Manual Integrations
APPROVED

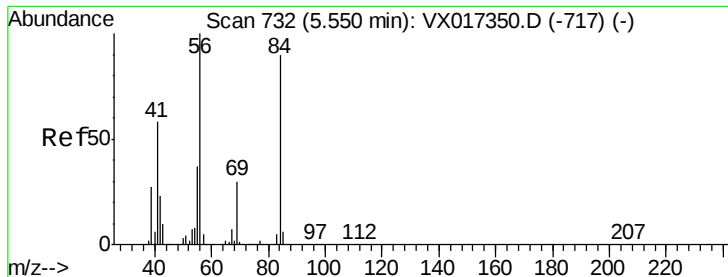
MMDadoda
7/20/2020 11:50:15 AM



#30
Chloroform
Concen: 22.376 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.2	75.4





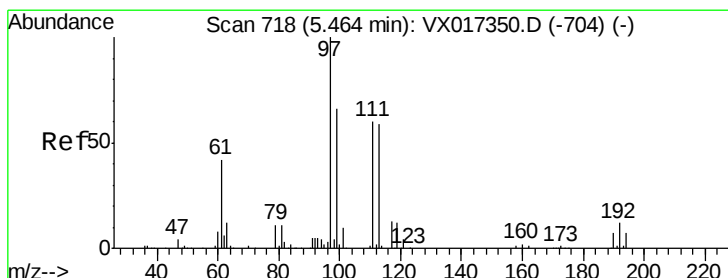
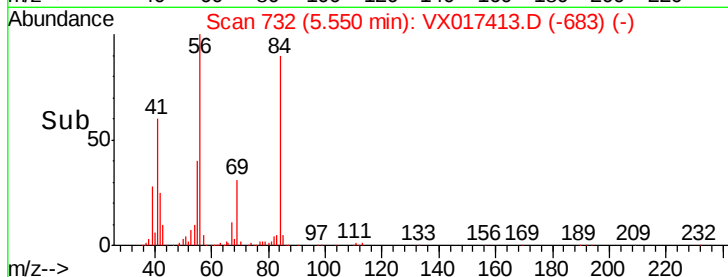
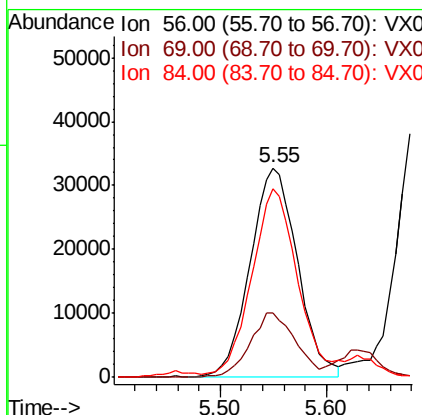
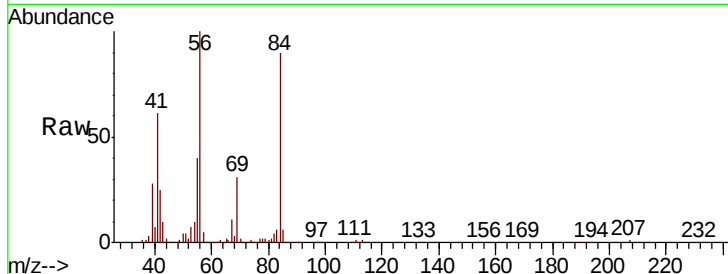
#31
Cyclohexane
Concen: 22.544 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.7	35.5
84	88.1	71.8	107.6

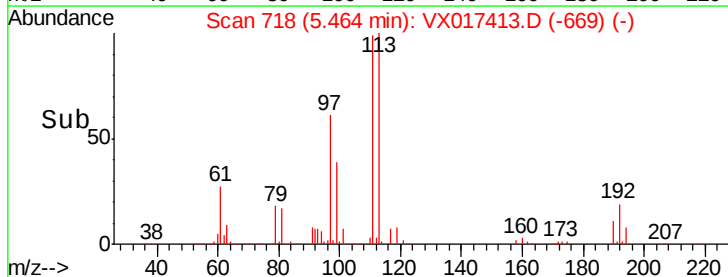
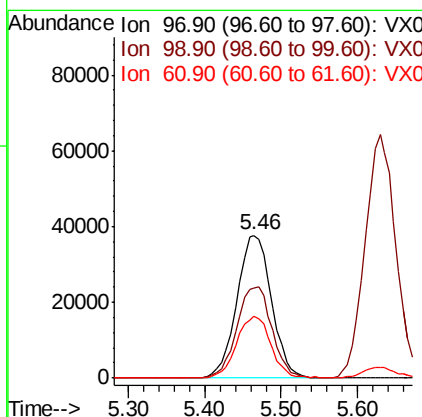
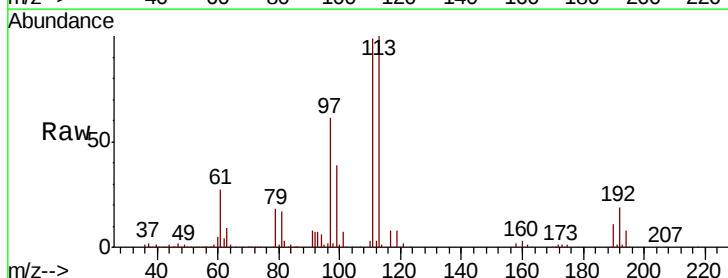
Manual Integrations
APPROVED

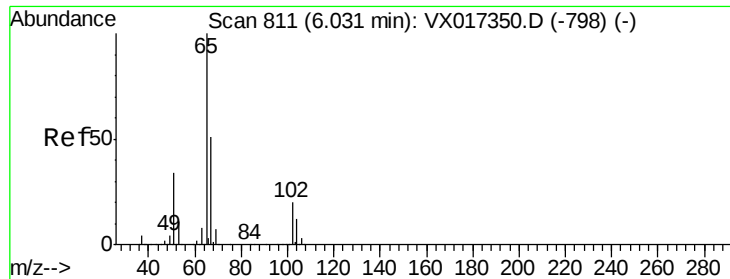
MMDadoda
7/20/2020 11:50:15 AM



#32
1,1,1-Trichloroethane
Concen: 21.722 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.2	76.8
61	43.1	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 53.481 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 65 Resp: 208676

Ion Ratio Lower Upper

65 100

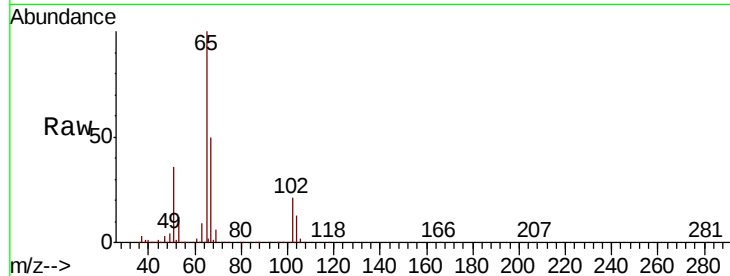
67 52.3 0.0 101.6

Manual Integrations

APPROVED

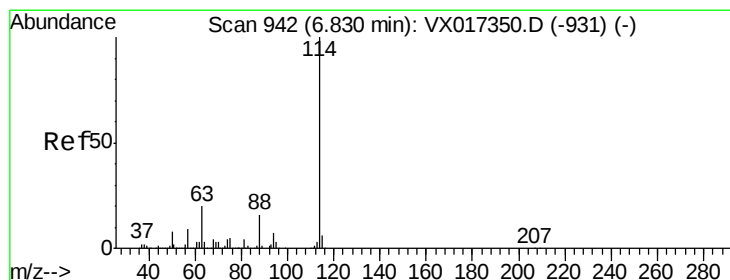
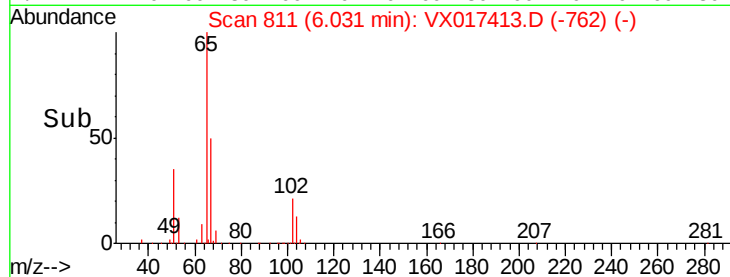
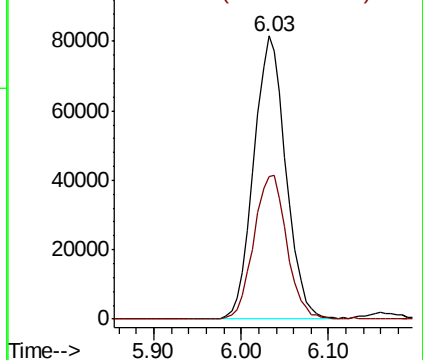
MMDadoda

7/20/2020 11:50:15 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

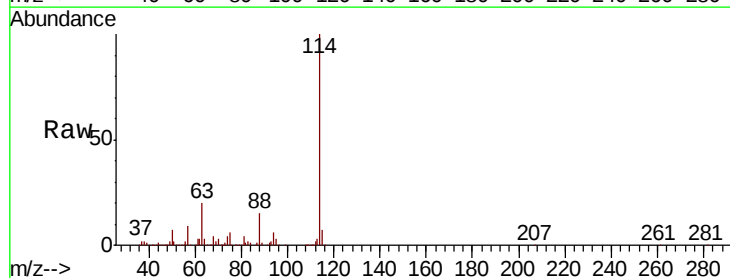
Tgt Ion: 114 Resp: 495789

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

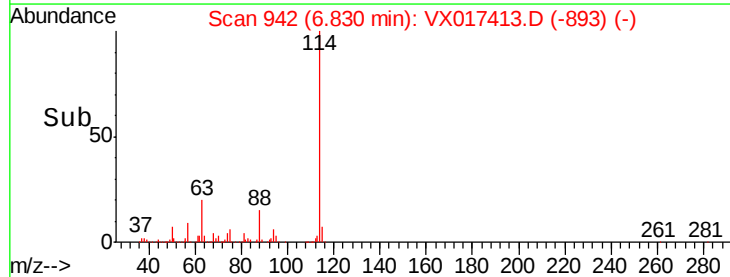
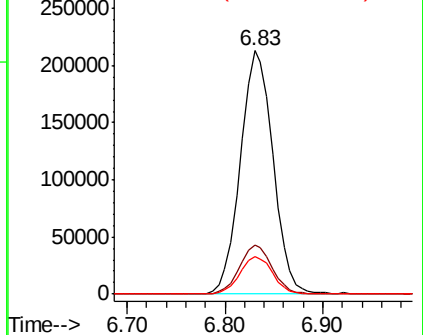
88 15.4 0.0 32.8

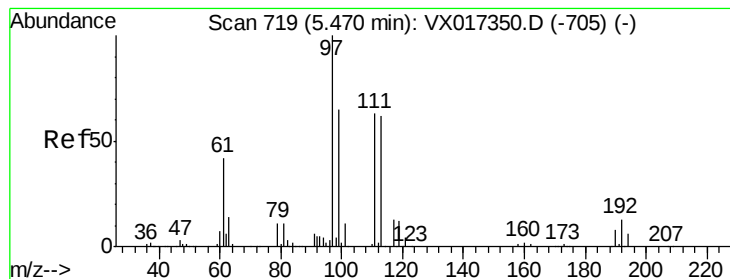


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.312 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

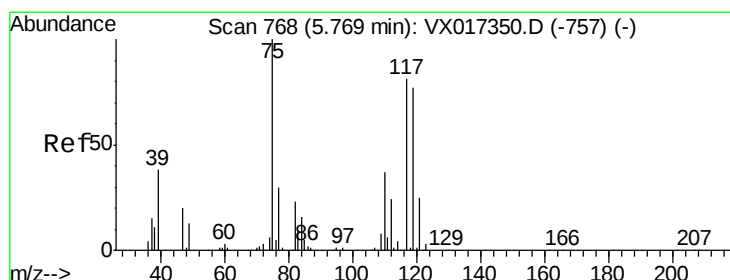
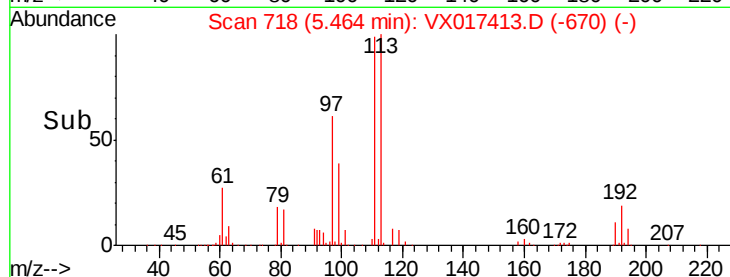
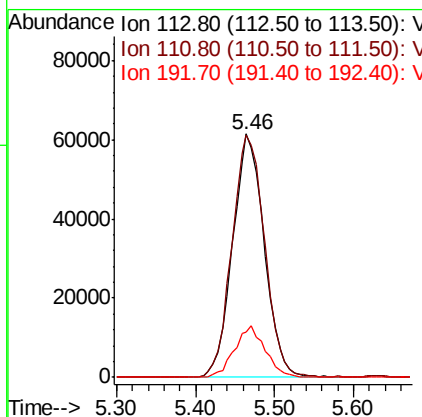
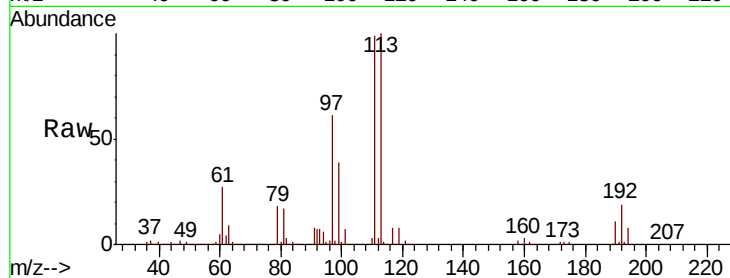
ClientSampleId :

VX0717WBS01

Tot Ion:	113	Resp:	171367
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.4	123.6
192	20.6	17.2	25.8

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#36

1,1-Dichloropropene

Concen: 20.799 ug/l

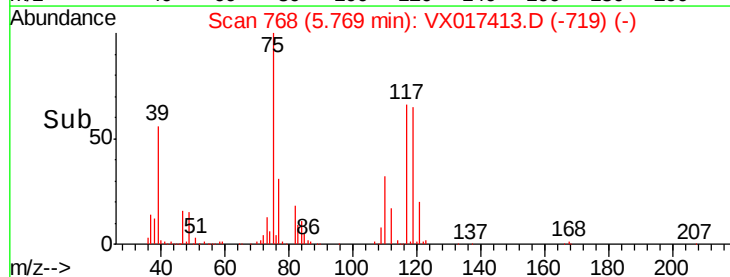
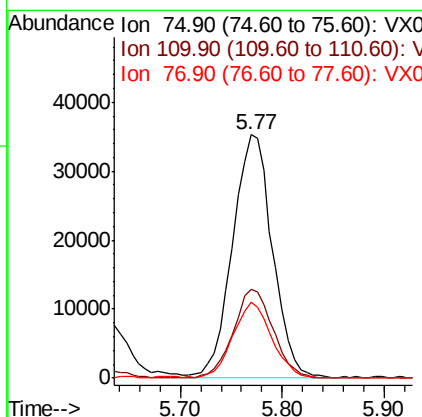
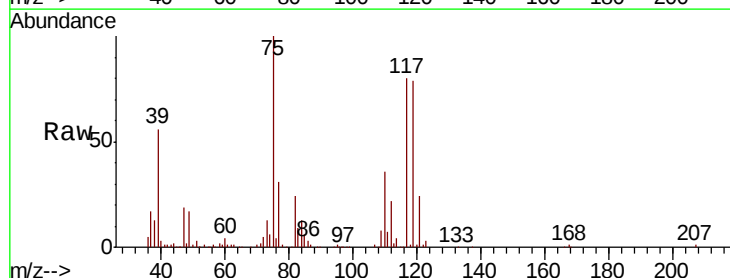
RT: 5.77 min Scan# 768

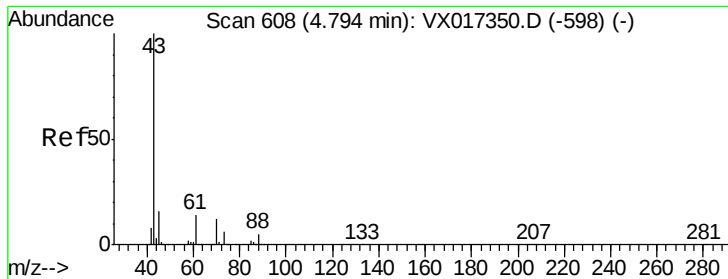
Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion:	75	Resp:	94850
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.6	55.8
77	30.9	24.9	37.3





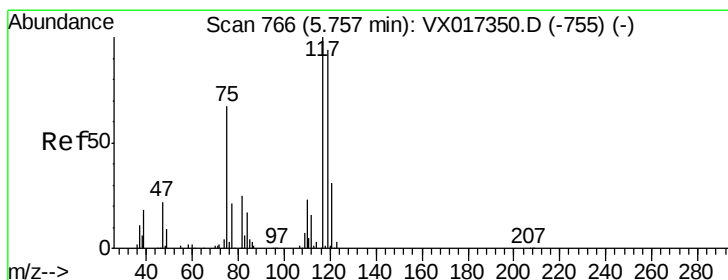
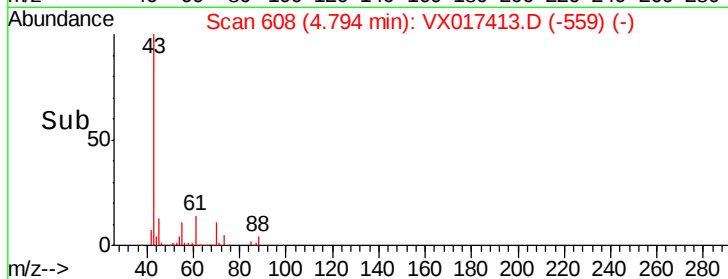
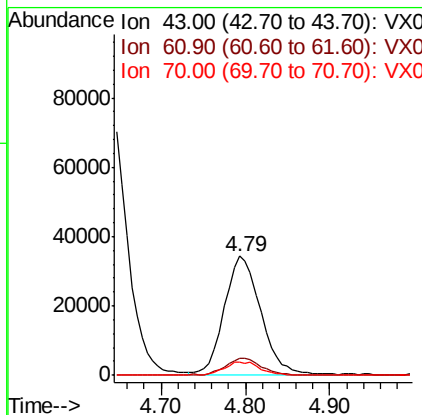
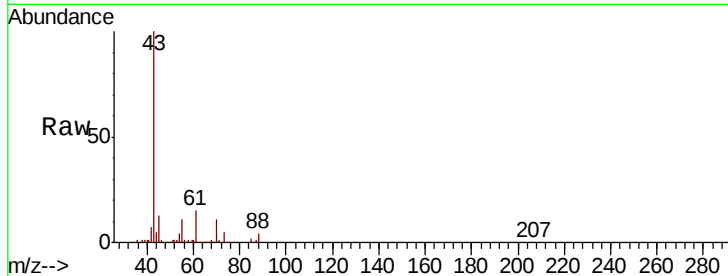
#37
Ethyl Acetate
Concen: 21.212 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.7	16.1
70	11.3	9.0	13.6

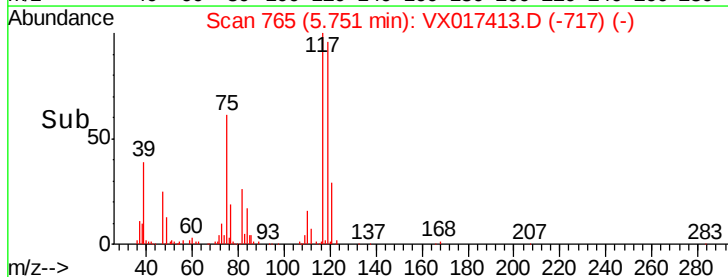
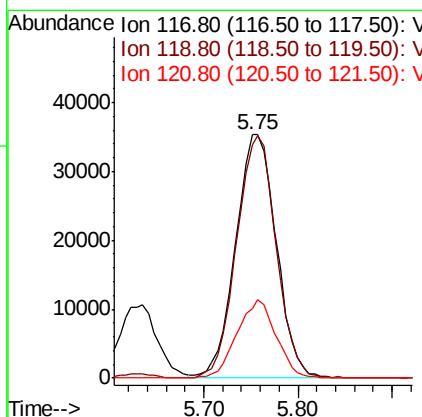
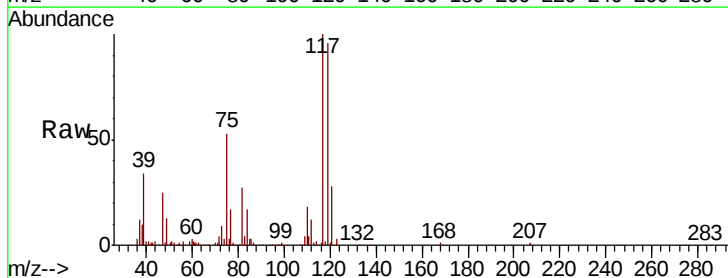
Manual Integrations
APPROVED

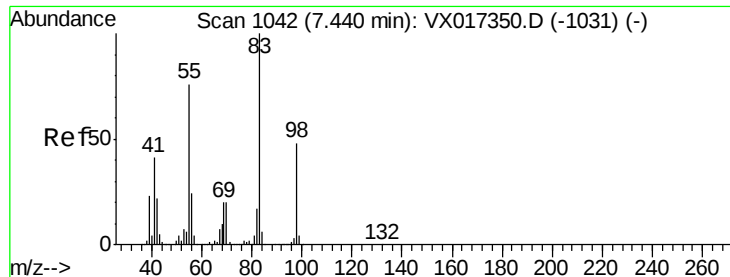
MMDadoda
7/20/2020 11:50:15 AM



#38
Carbon Tetrachloride
Concen: 19.929 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.7	112.1
121	28.5	24.5	36.7





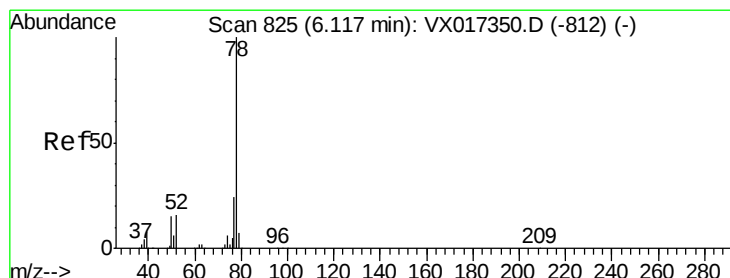
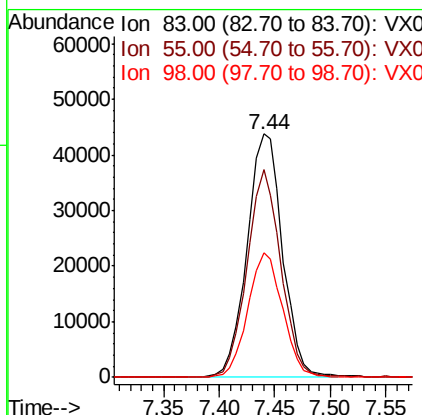
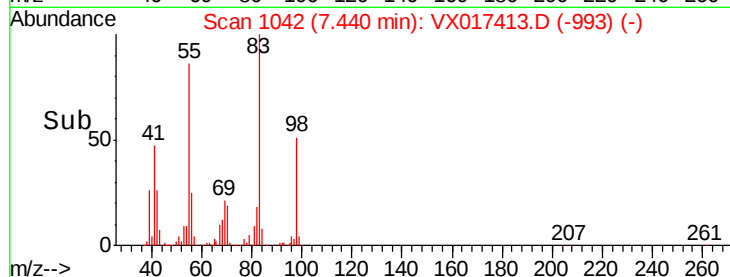
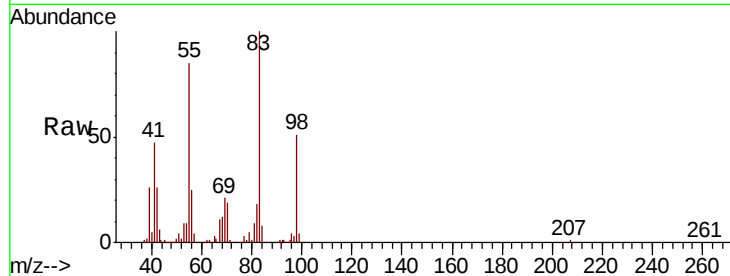
#39
Methvlcvclohexane
Concen: 19.634 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.3	61.2	91.8
98	50.9	38.1	57.1

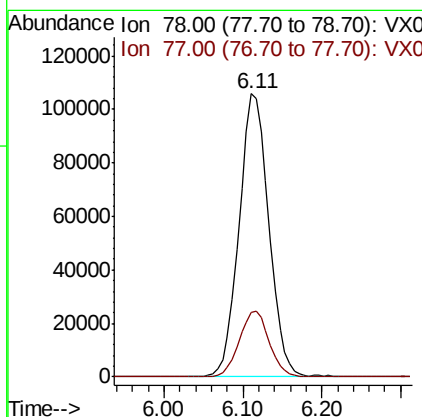
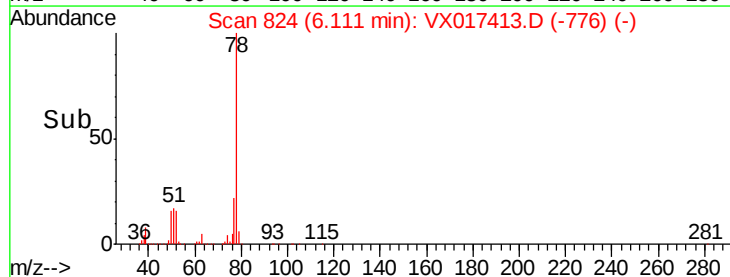
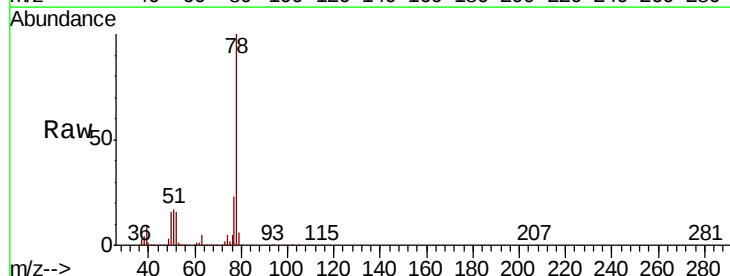
Manual Integrations
APPROVED

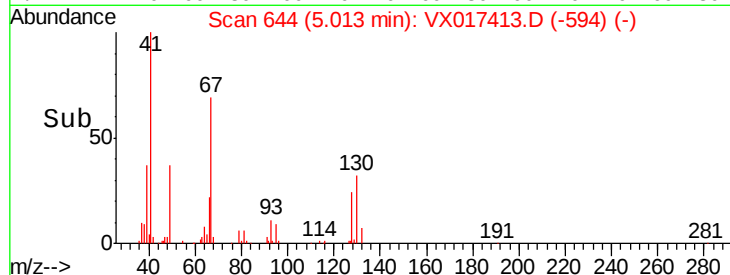
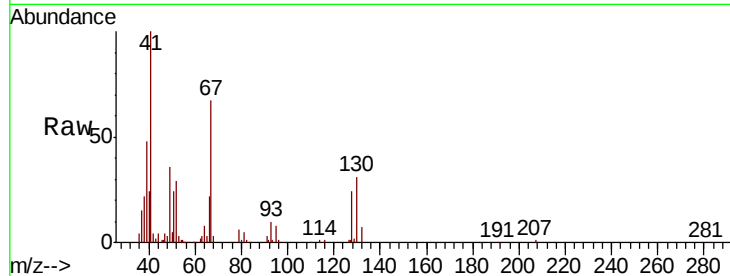
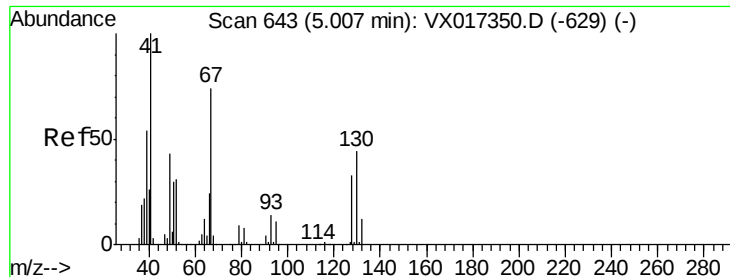
MMDadoda
7/20/2020 11:50:15 AM



#40
Benzene
Concen: 21.184 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.9	28.3





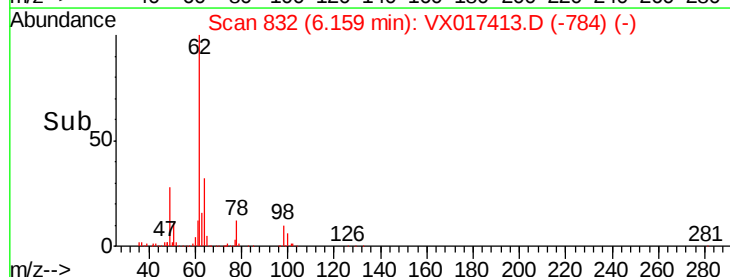
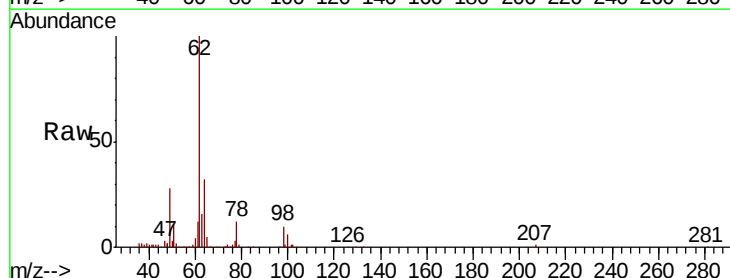
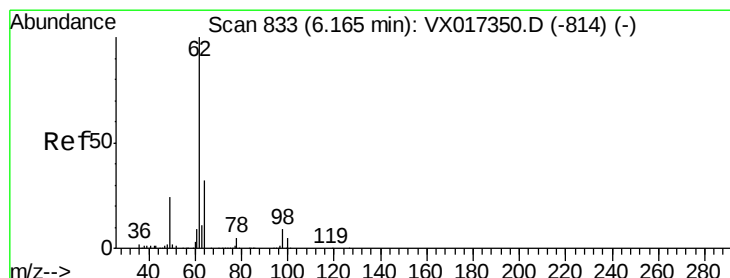
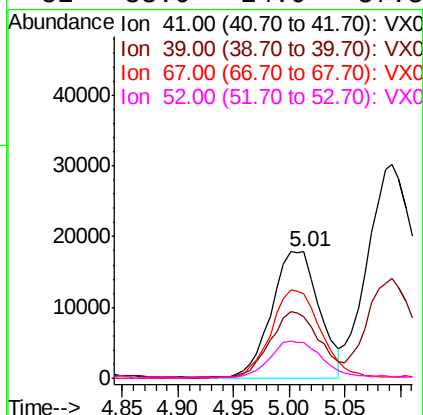
#41
Methacrylonitrile
Concen: 21.366 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	55.4	43.8	65.8	
67	67	72.4	58.7	88.1	
52	52	33.0	24.9	37.3	

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

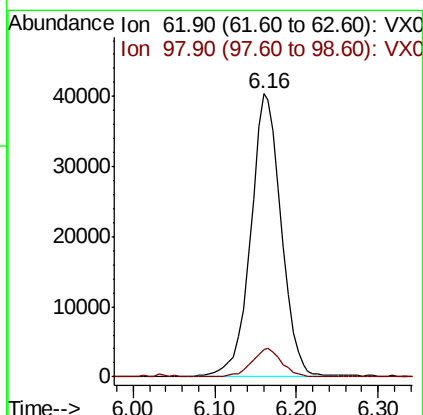
Manual Integrations
APPROVED

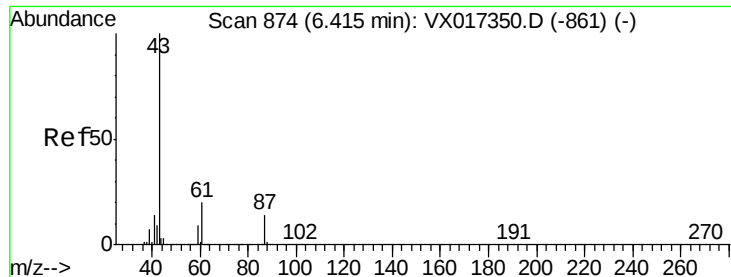
MMDadoda
7/20/2020 11:50:15 AM



#42
1,2-Dichloroethane
Concen: 20.565 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	9.9	0.0	19.4	





#43

Isopropyl Acetate

Concen: 20.653 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

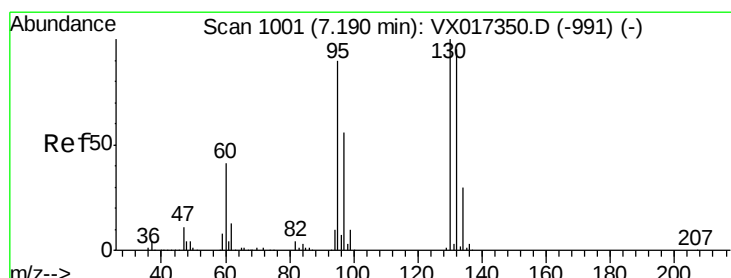
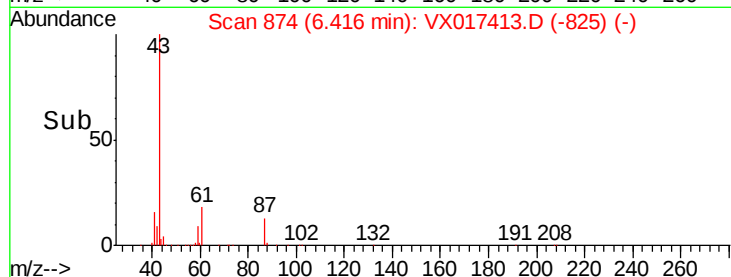
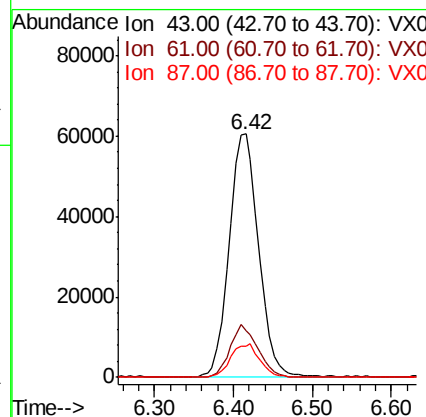
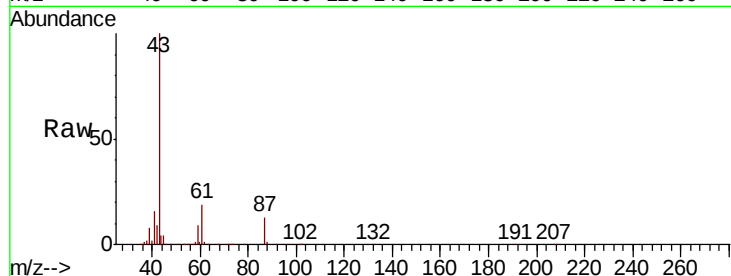
ClientSampleId :

VX0717WBS01

Tot Ion:	43	Resp:	155645
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.4	24.6
87	13.8	11.2	16.8

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#44

Trichloroethene

Concen: 20.245 ug/l

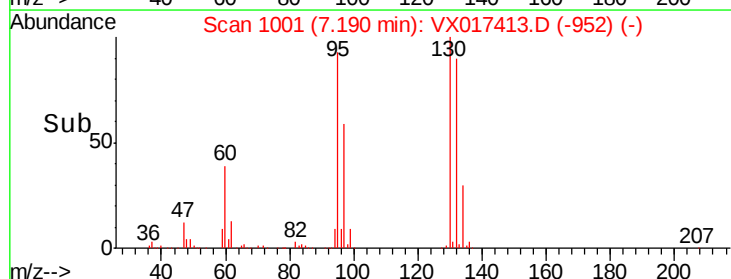
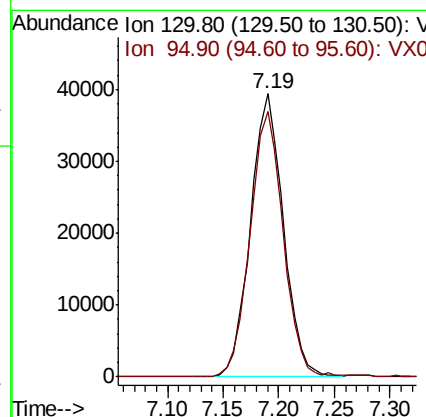
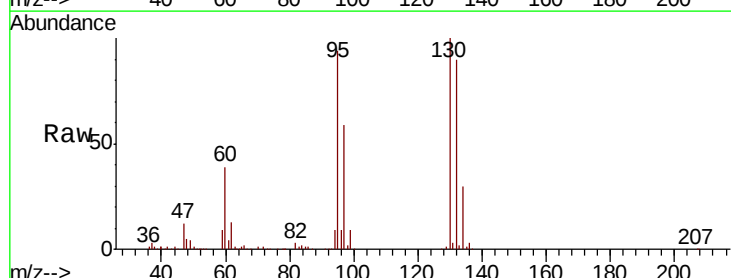
RT: 7.19 min Scan# 1001

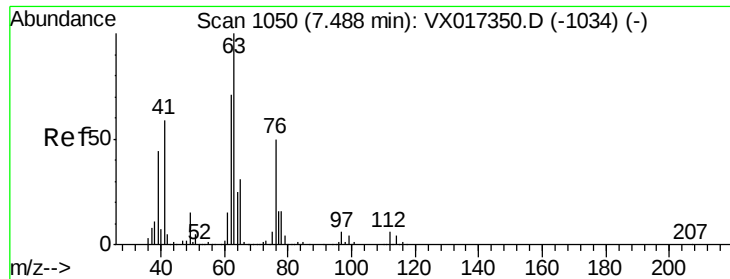
Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion:	130	Resp:	81046
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	180.2





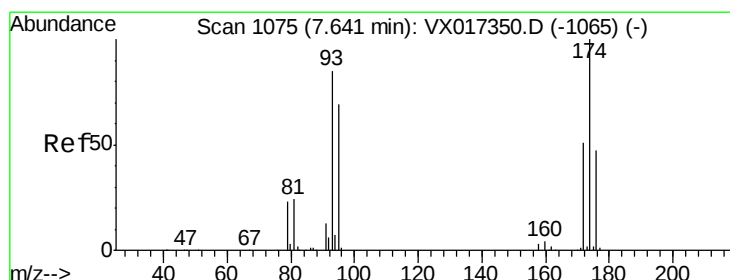
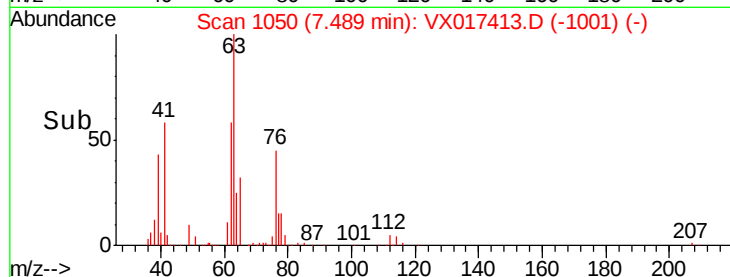
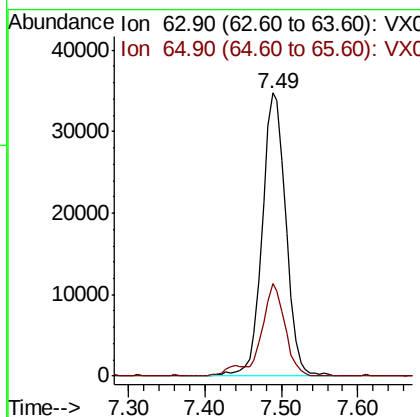
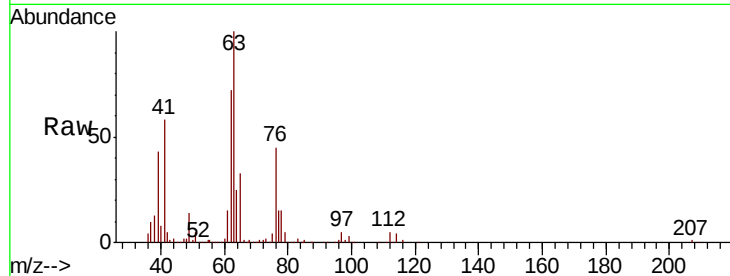
#45
 1,2-Dichloropropane
 Concen: 22.408 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion: 63 Resp: 75144
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.5 36.7

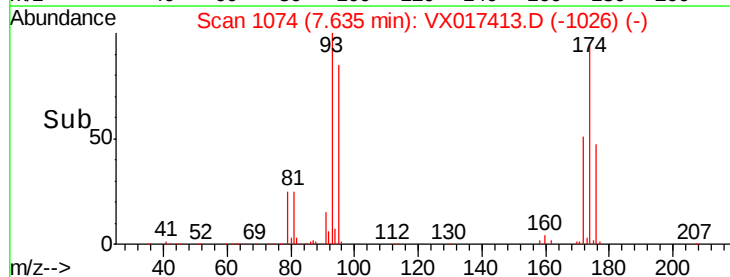
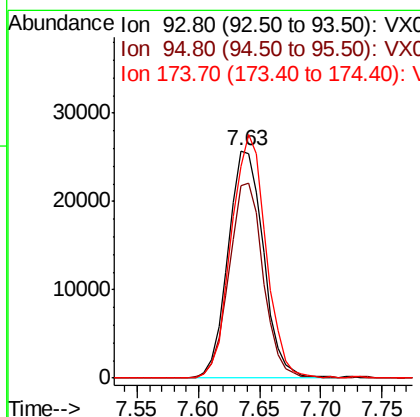
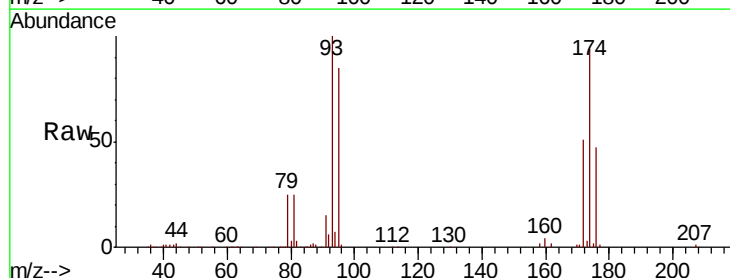
Manual Integrations
 APPROVED

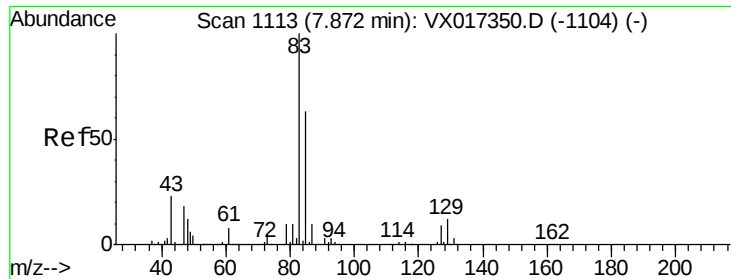
MMDadoda
 7/20/2020 11:50:15 AM



#46
 Dibromomethane
 Concen: 21.316 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Tgt Ion: 93 Resp: 51554
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.4 98.2
 174 105.2 91.2 136.8





#47

Bromodichloromethane

Concen: 21.101 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

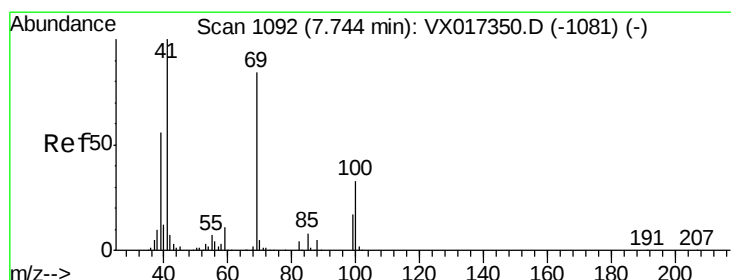
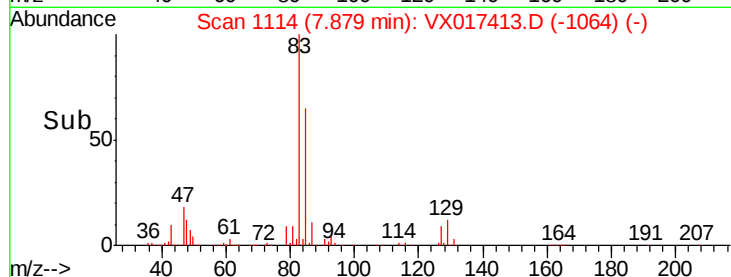
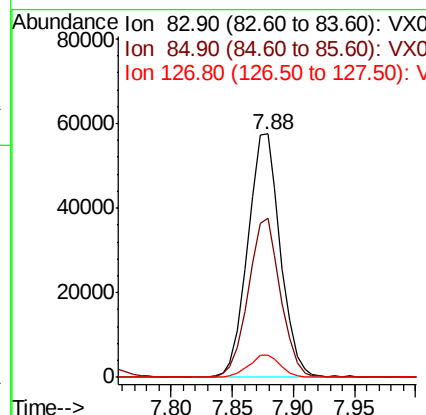
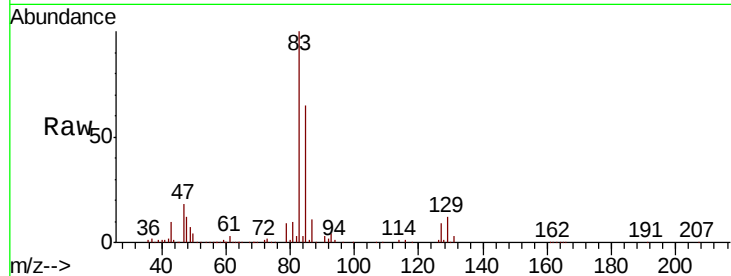
ClientSampleId :

VX0717WBS01

Tot Ion:	83	Resp:	106693
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.2	75.4
127	9.1	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#48

Methyl methacrylate

Concen: 21.400 ug/l

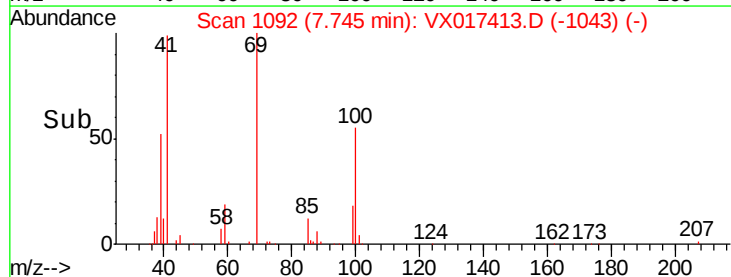
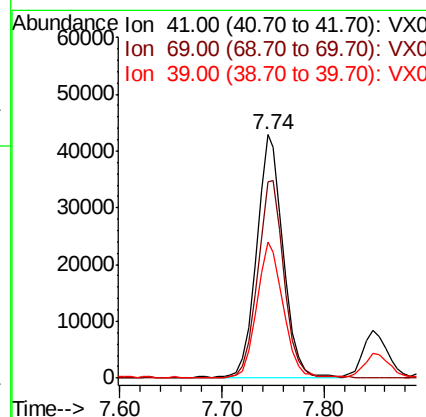
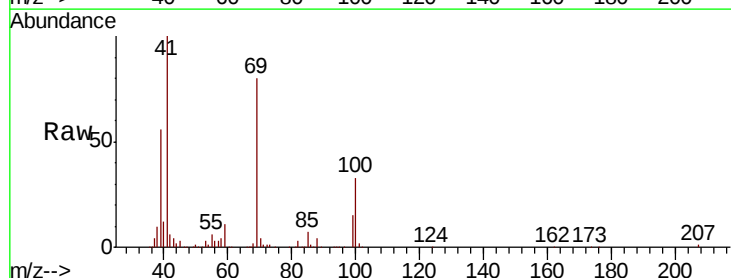
RT: 7.74 min Scan# 1092

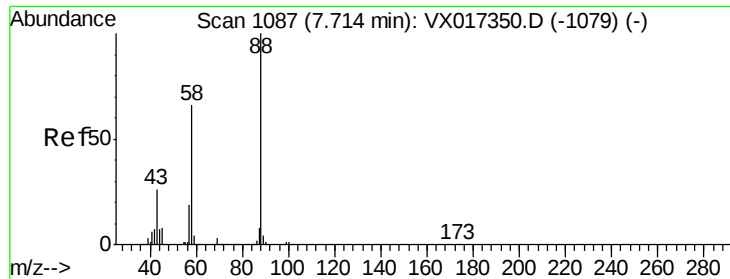
Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion:	41	Resp:	77391
Ion	Ratio	Lower	Upper
41	100		
69	81.3	67.8	101.6
39	55.6	45.1	67.7





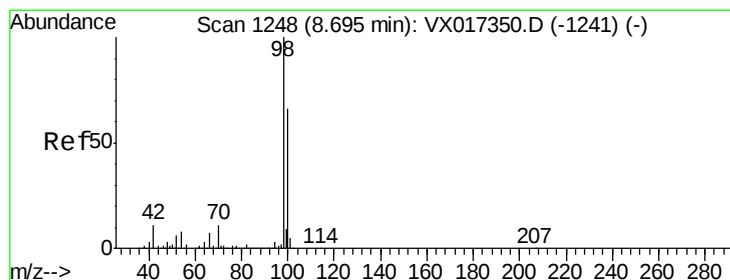
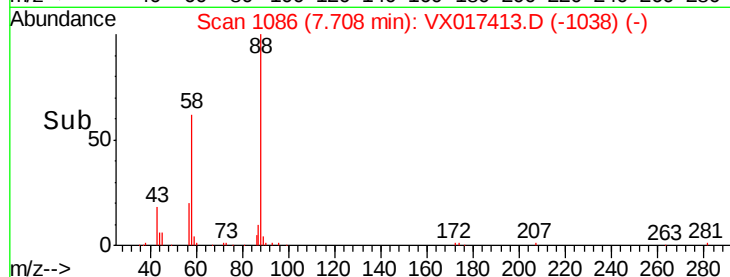
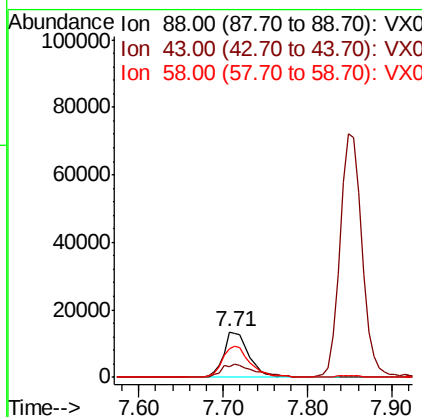
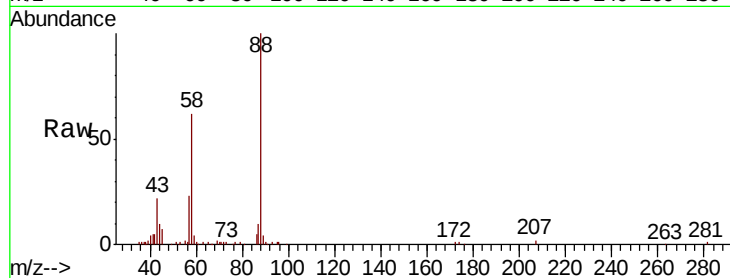
#49
1,4-Dioxane
Concen: 378.877 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.6	38.4
58	74.0	53.9	80.9

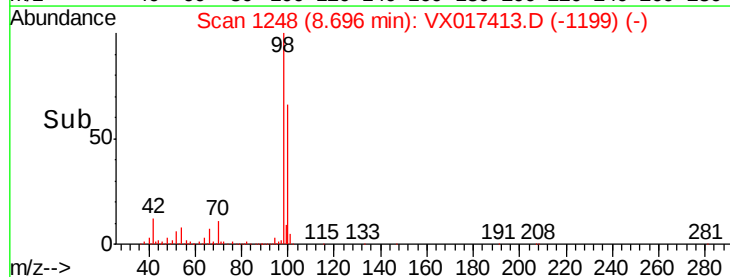
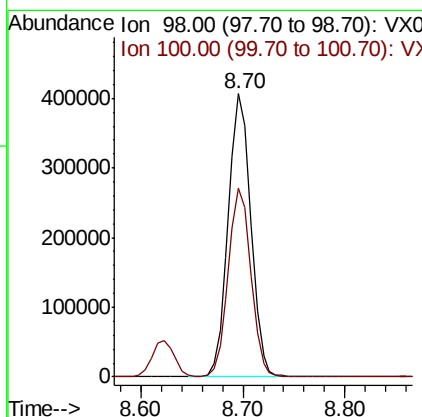
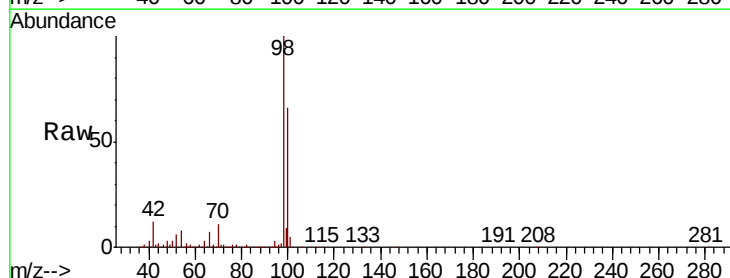
Manual Integrations
APPROVED

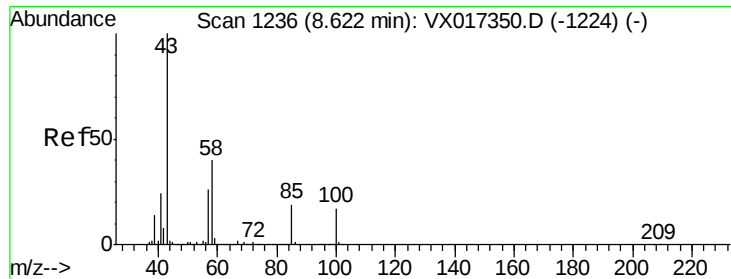
MMDadoda
7/20/2020 11:50:15 AM



#50
Toluene-d8
Concen: 51.697 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 108.937 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 43 Resp: 500574

Ion Ratio Lower Upper

43 100

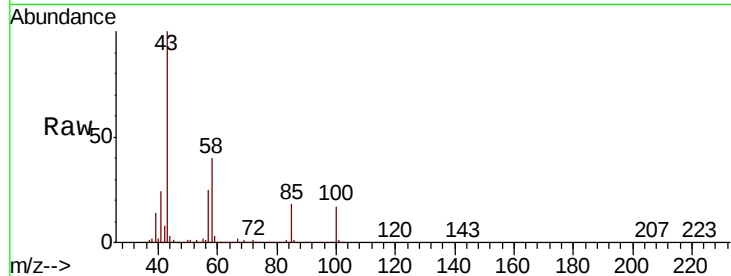
58 39.1 32.2 48.2

Manual Integrations

APPROVED

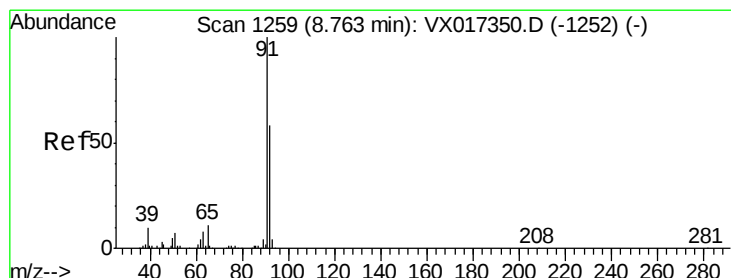
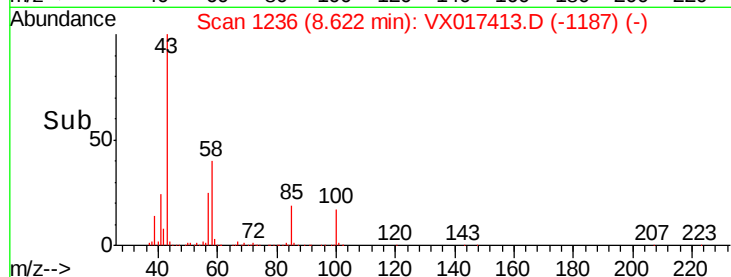
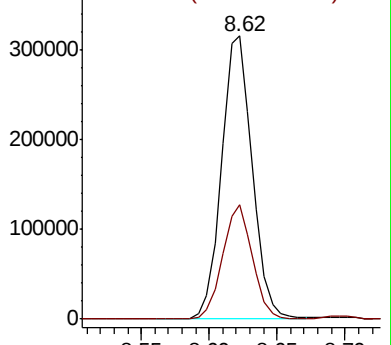
MMDadoda

7/20/2020 11:50:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.380 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017413.D

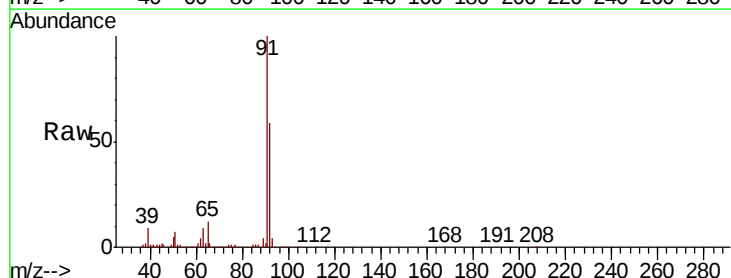
Acq: 17 Jul 2020 12:23

Tgt Ion: 92 Resp: 179813

Ion Ratio Lower Upper

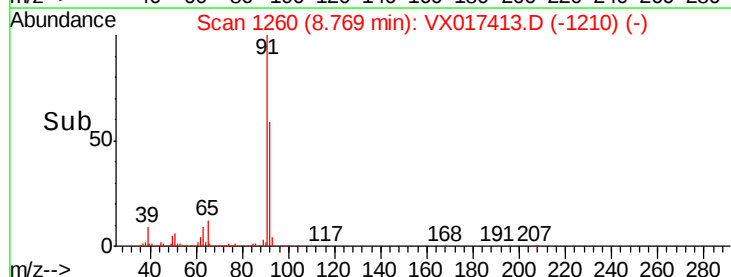
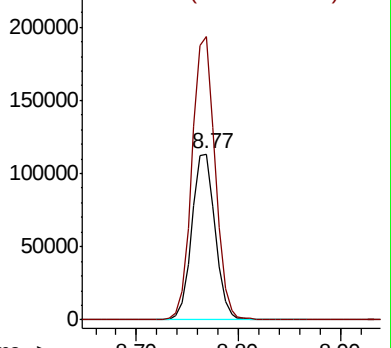
92 100

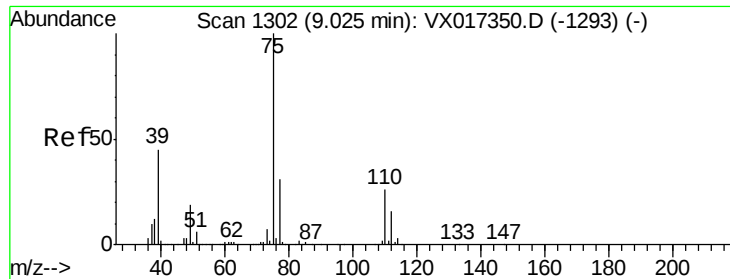
91 169.1 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





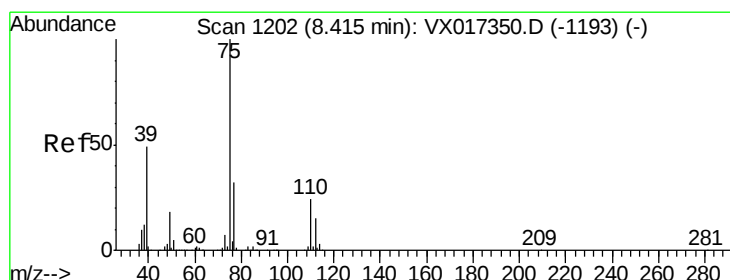
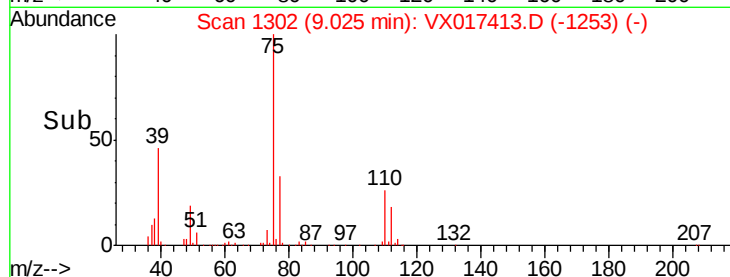
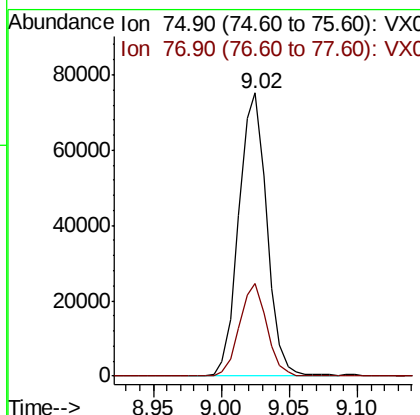
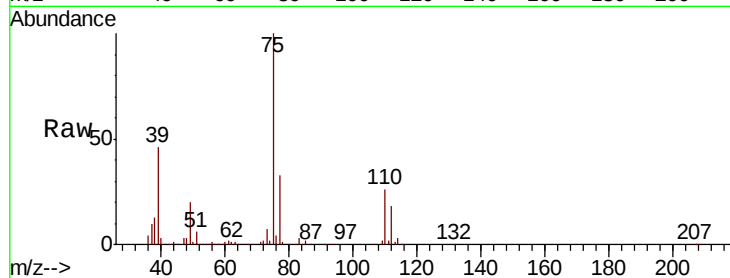
#53
t-1,3-Dichloropropene
Concen: 19.898 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion: 75 Resp: 108391
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6

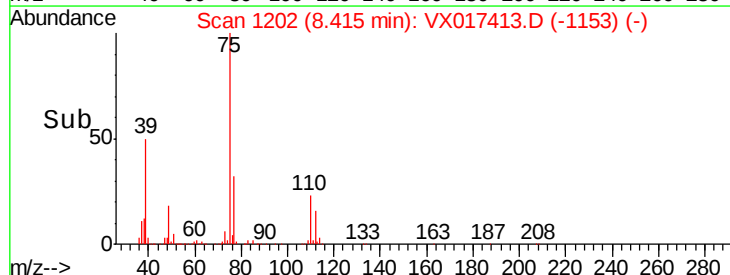
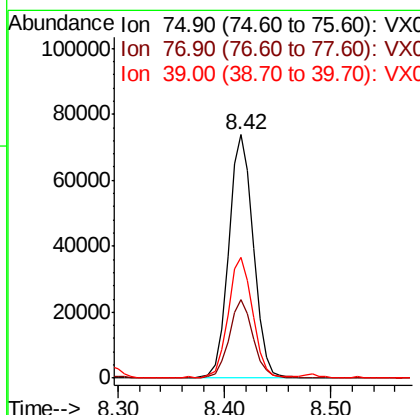
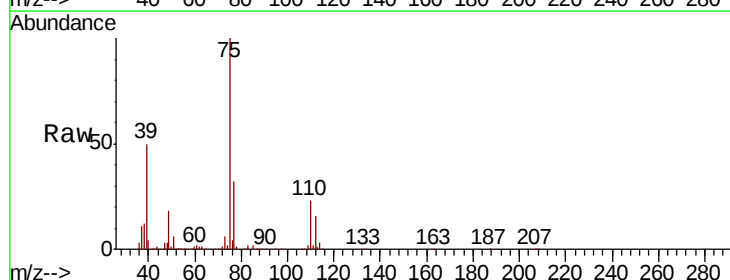
Manual Integrations
APPROVED

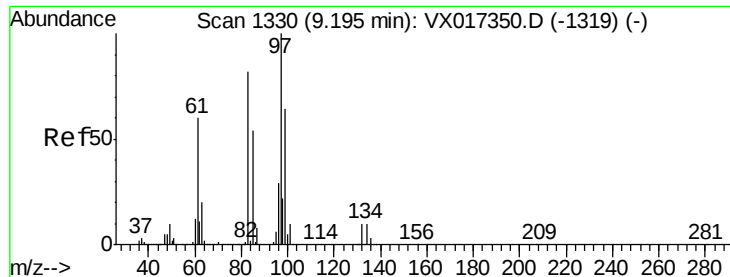
MMDadoda
7/20/2020 11:50:15 AM



#54
cis-1,3-Dichloropropene
Concen: 20.628 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion: 75 Resp: 119846
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 49.6 38.9 58.3





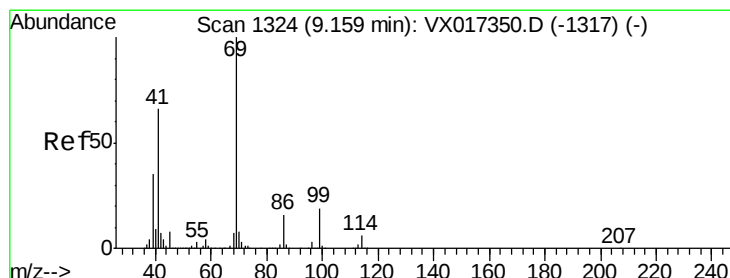
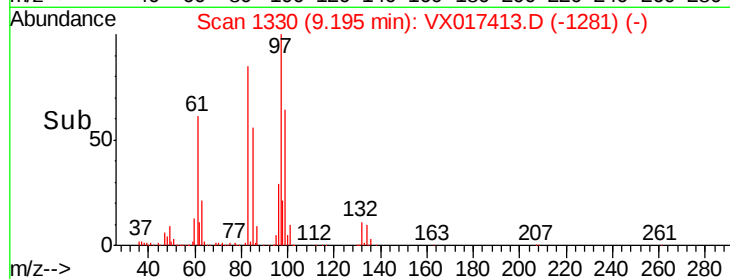
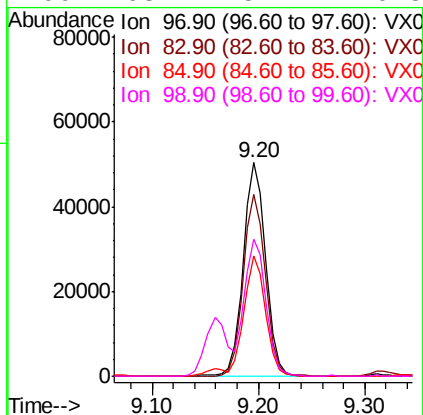
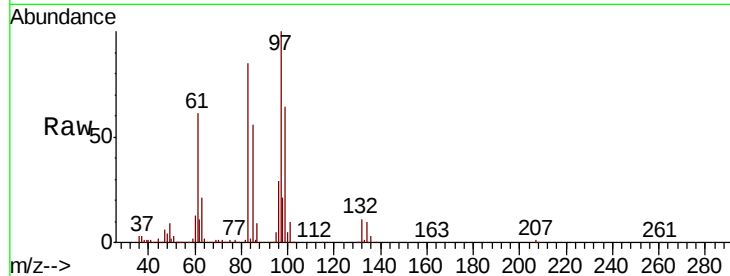
#55
 1,1,2-Trichloroethane
 Concen: 21.316 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		74755		
83	85.1	65.8	98.6		
85	56.2	42.8	64.2		
99	63.7	51.2	76.8		

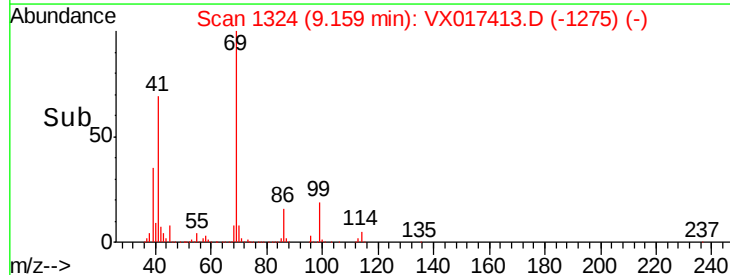
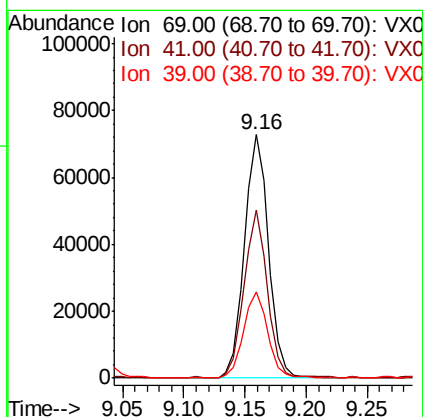
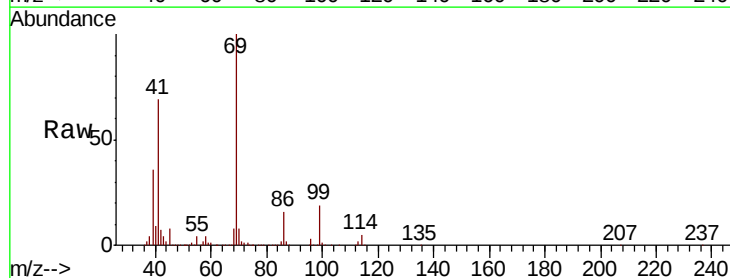
Manual Integrations
 APPROVED

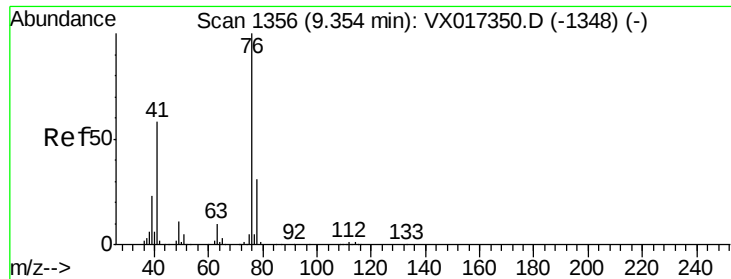
MMDadoda
 7/20/2020 11:50:15 AM



#56
 Ethyl methacrylate
 Concen: 20.011 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		99634		
41	66.4	52.6	78.8		
39	35.7	28.8	43.2		





#57

1,3-Dichloropropane

Concen: 20.927 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 76 Resp: 122085

Ion Ratio Lower Upper

76 100

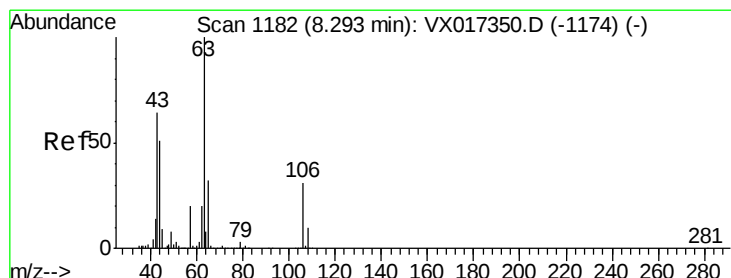
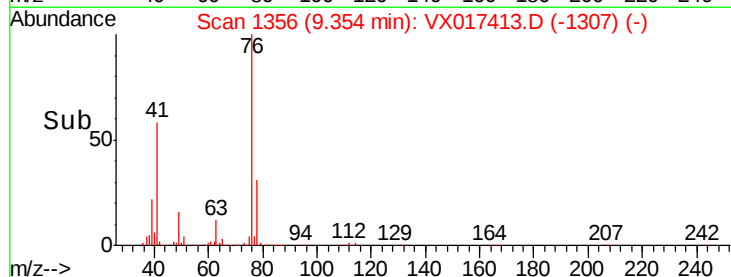
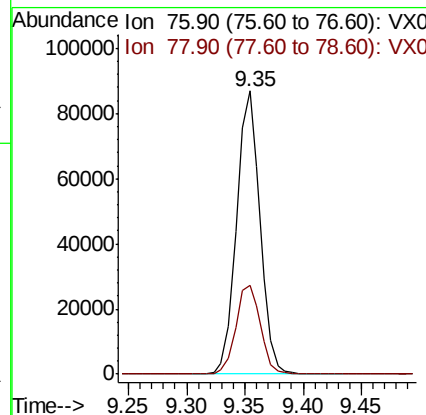
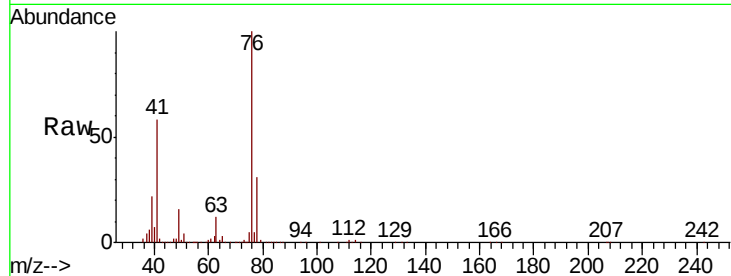
78 33.1 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

7/20/2020 11:50:15 AM



#58

2-Chloroethyl Vinyl ether

Concen: 107.112 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017413.D

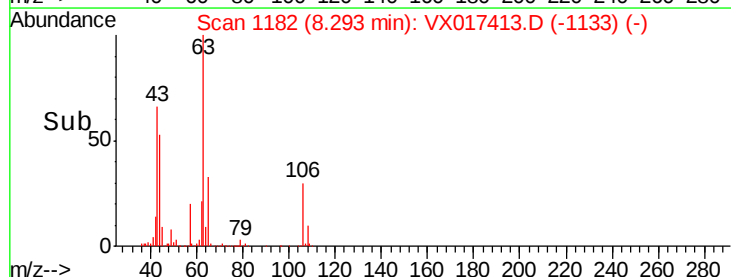
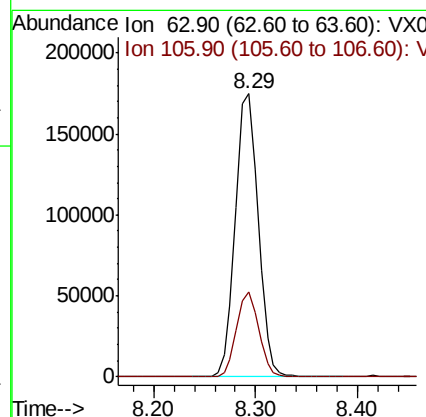
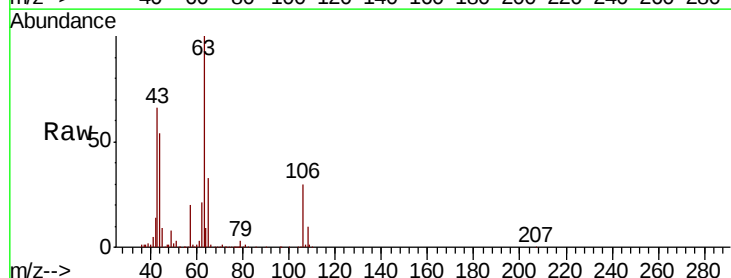
Acq: 17 Jul 2020 12:23

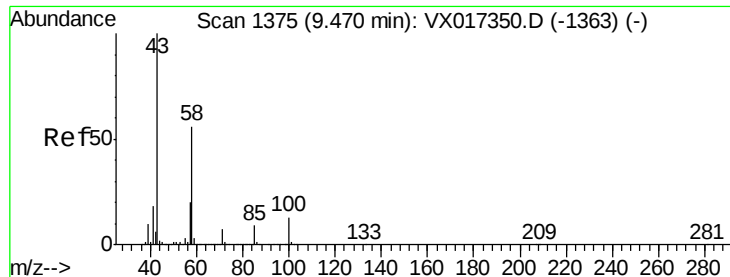
Tgt Ion: 63 Resp: 270793

Ion Ratio Lower Upper

63 100

106 29.4 24.8 37.2





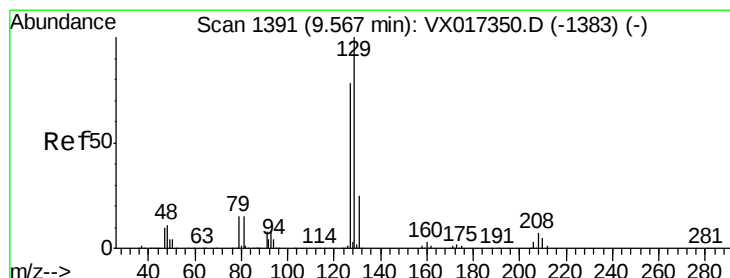
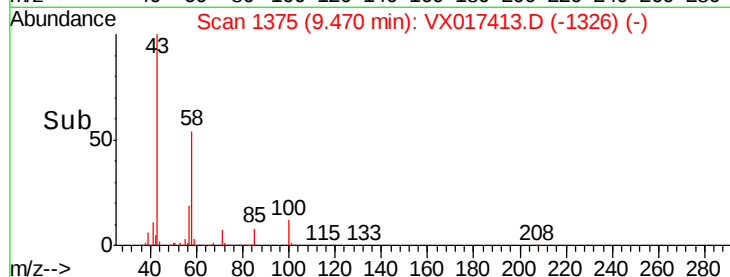
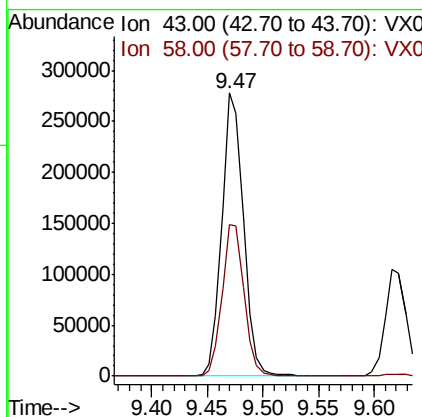
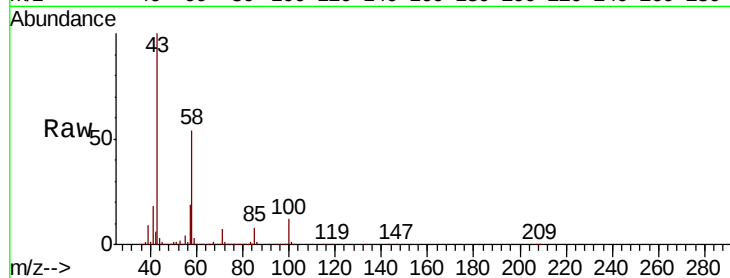
#59
2-Hexanone
Concen: 107.761 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	28.1	84.3

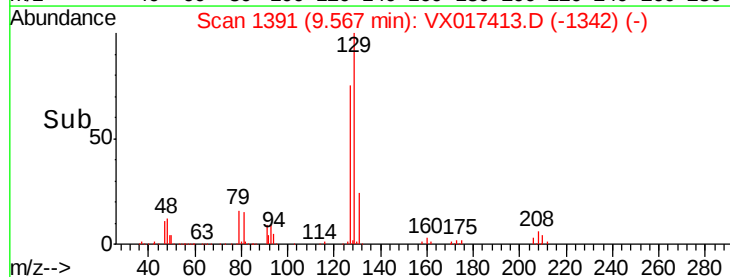
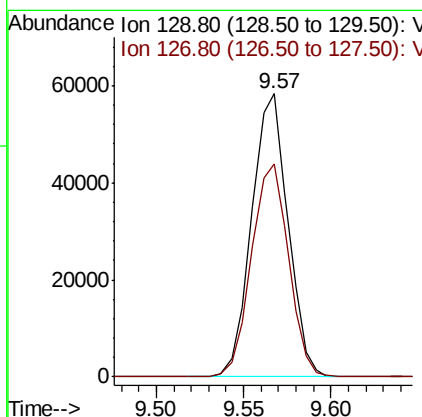
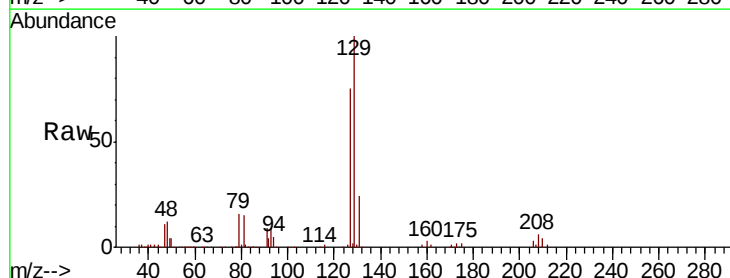
Manual Integrations
APPROVED

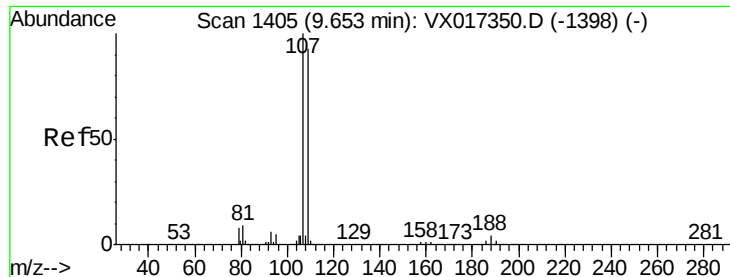
MMDadoda
7/20/2020 11:50:15 AM



#60
Dibromochloromethane
Concen: 19.685 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.9	116.6





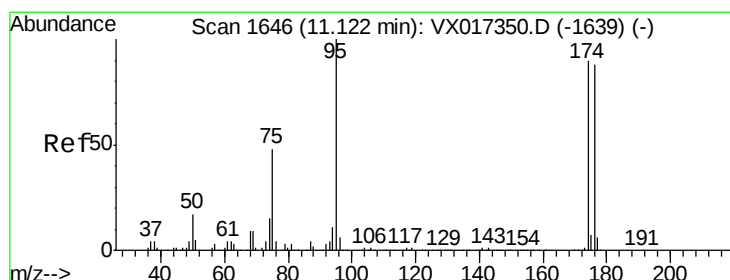
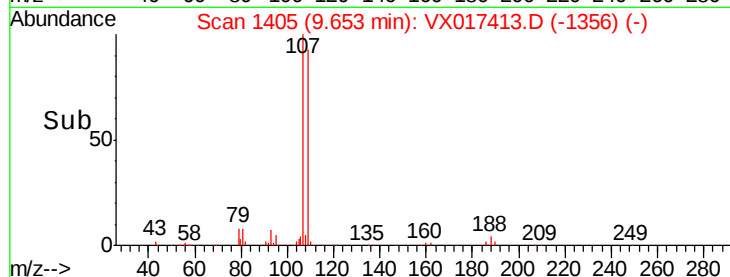
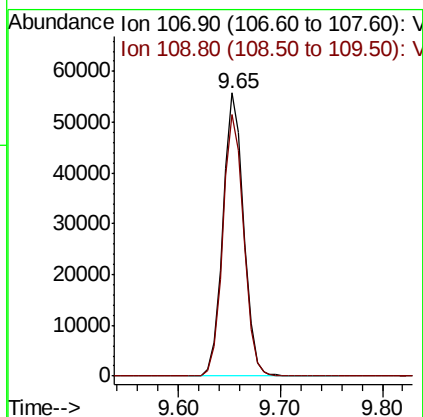
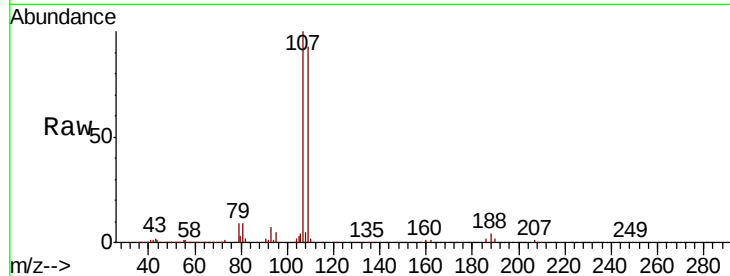
#61
 1,2-Dibromoethane
 Concen: 20.633 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion: 107 Resp: 78717
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.0 112.4

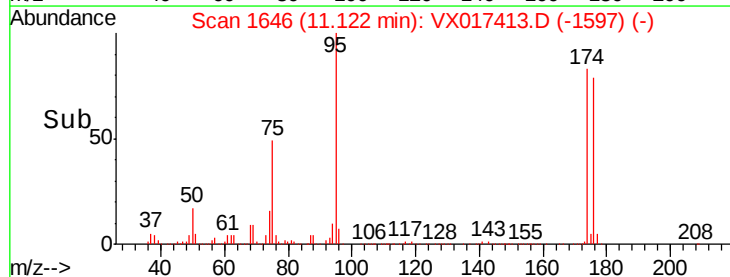
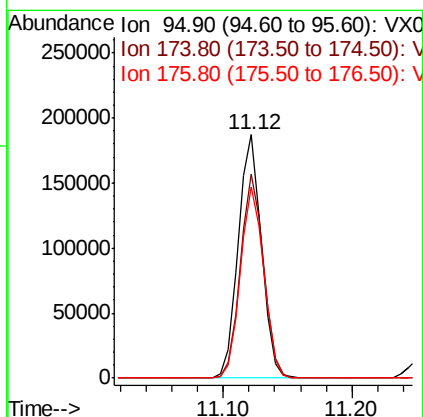
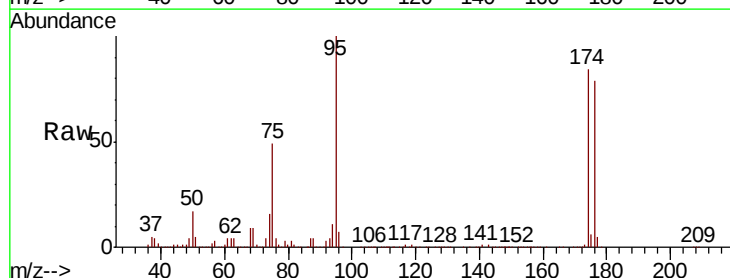
Manual Integrations
 APPROVED

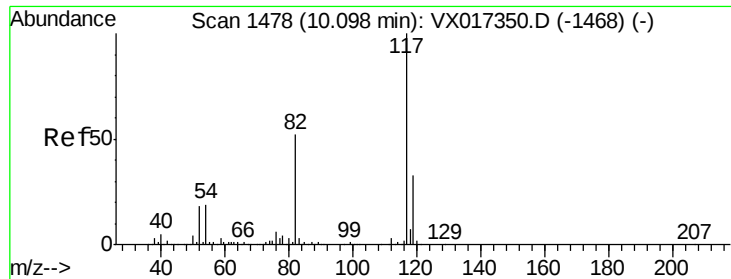
MMDadoda
 7/20/2020 11:50:15 AM



#62
 4-Bromofluorobenzene
 Concen: 48.881 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Tgt Ion: 95 Resp: 233907
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 175.8
 176 78.9 0.0 164.6





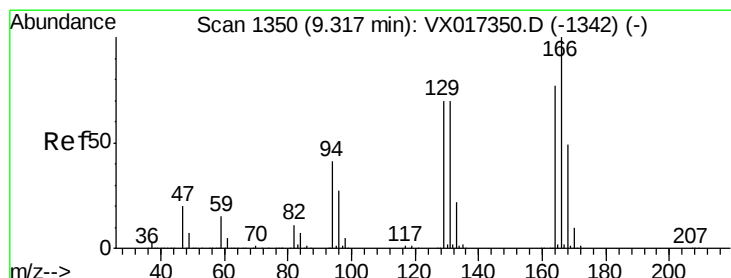
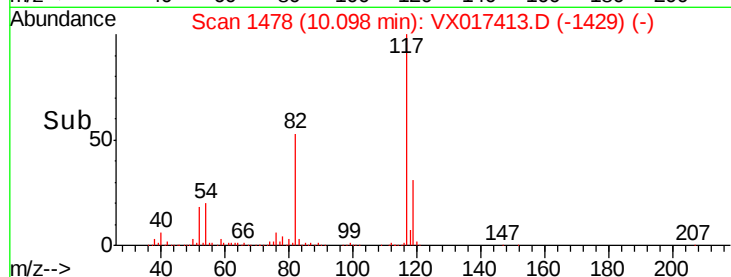
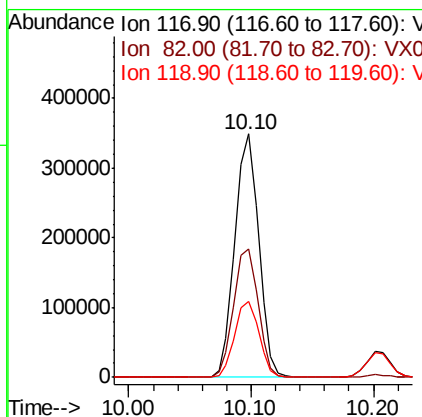
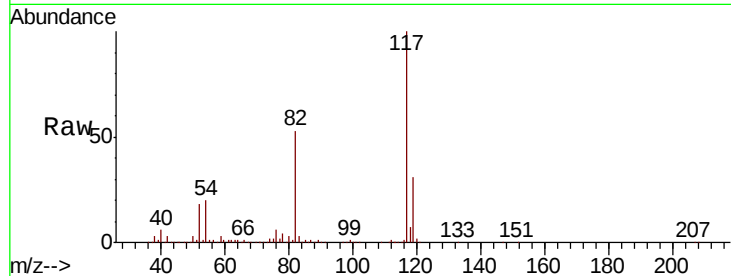
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	470706		
82	52.6		42.0	63.0
119	31.0		26.3	39.5

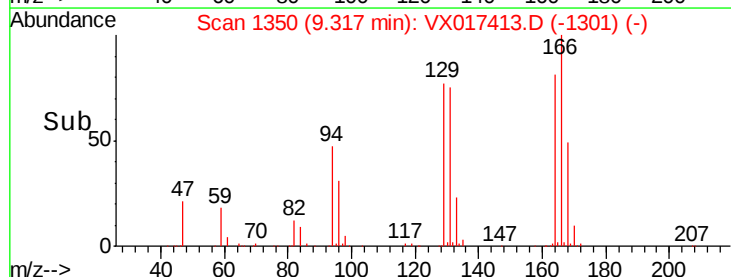
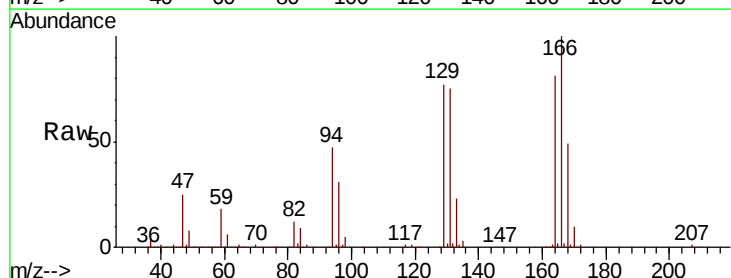
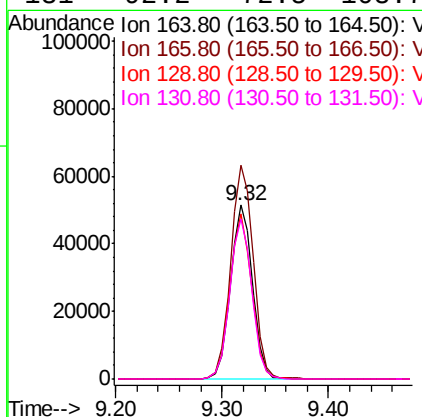
Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#64
Tetrachloroethene
Concen: 18.327 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74667		
166	122.9		103.9	155.9
129	95.1		72.9	109.3
131	92.2		72.5	108.7





#65

Chlorobenzene

Concen: 20.044 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion:112 Resp: 191732

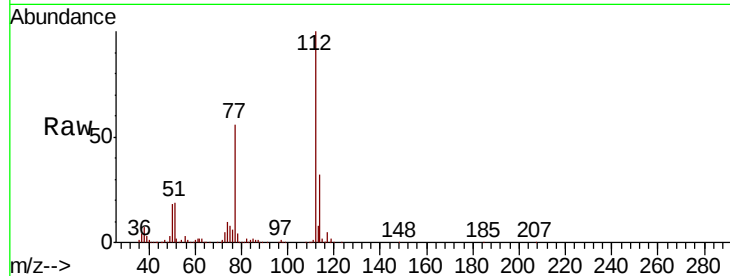
Ion Ratio Lower Upper

112 100

114 32.3 26.0 39.0

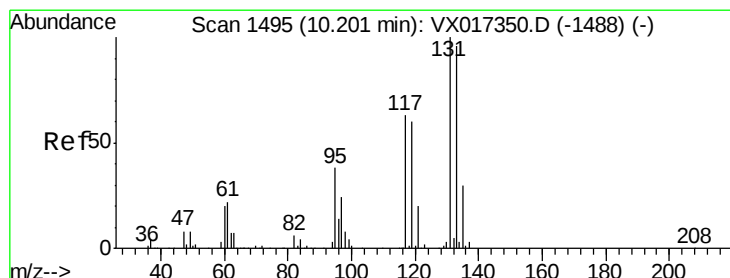
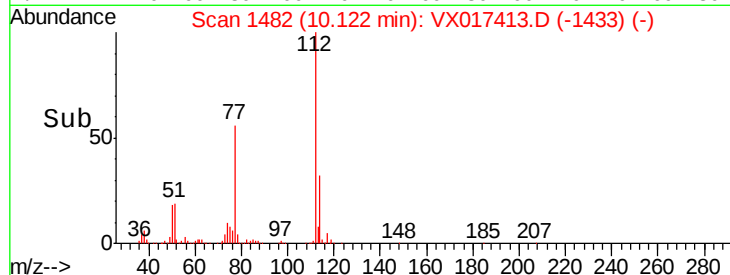
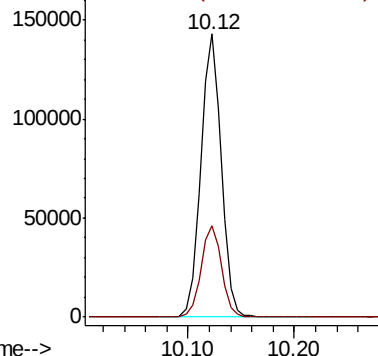
Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.677 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

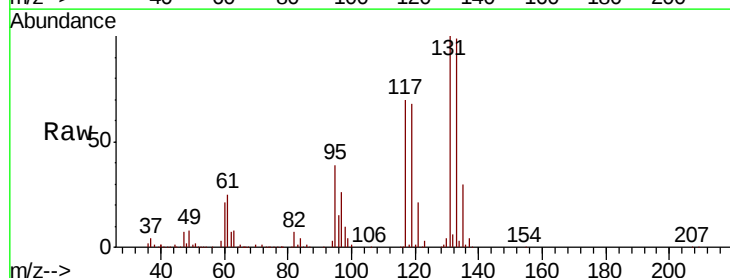
Tgt Ion:131 Resp: 74939

Ion Ratio Lower Upper

131 100

133 98.3 48.4 145.2

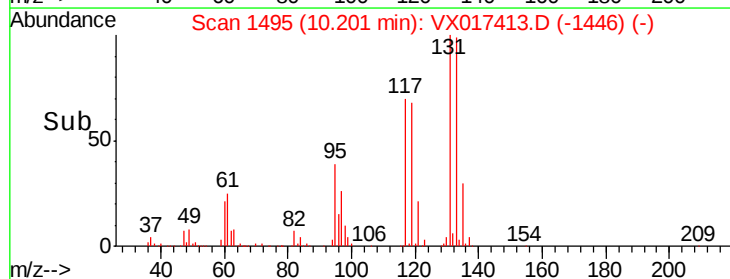
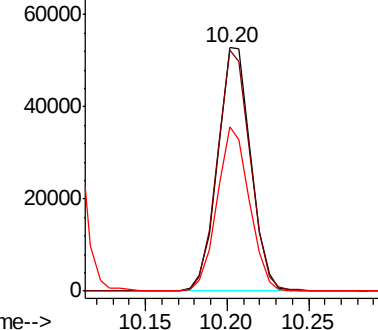
119 65.5 31.2 93.6

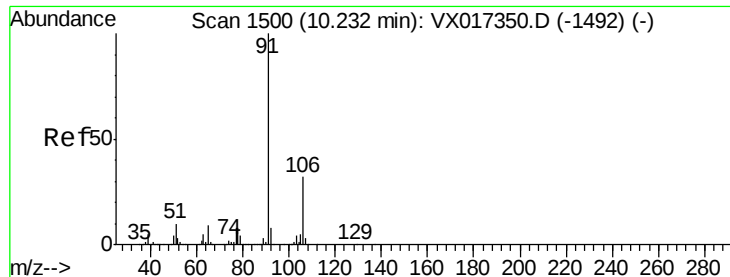


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





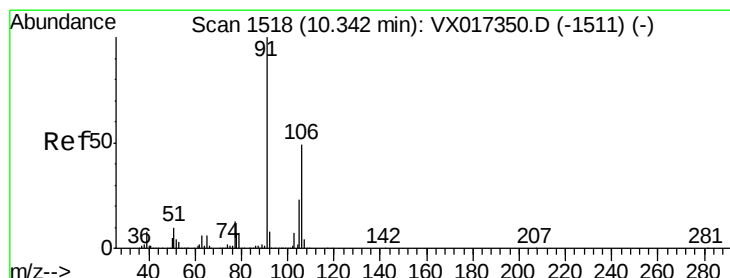
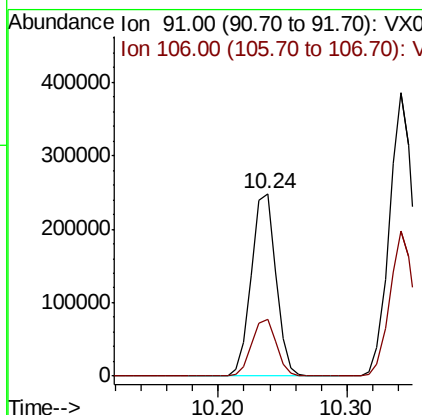
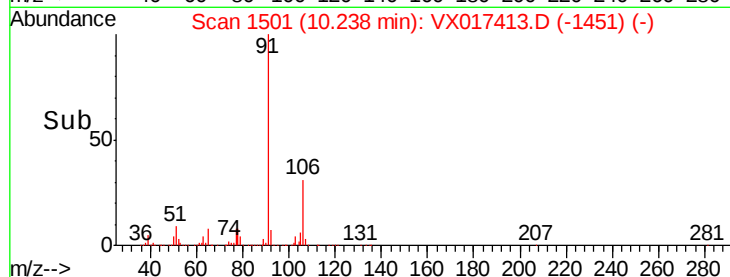
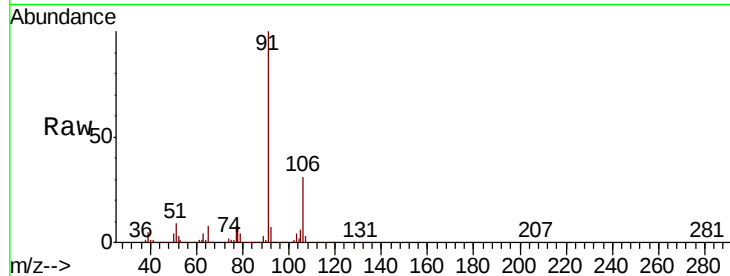
#67
Ethyl Benzene
Concen: 20.441 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion: 91 Resp: 325512
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

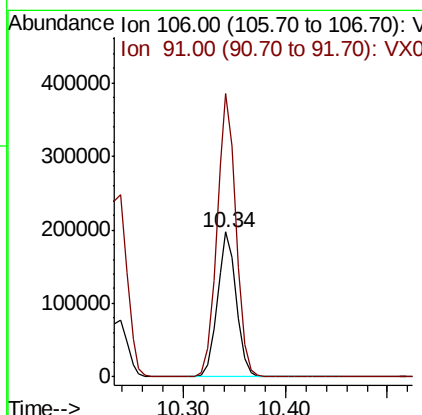
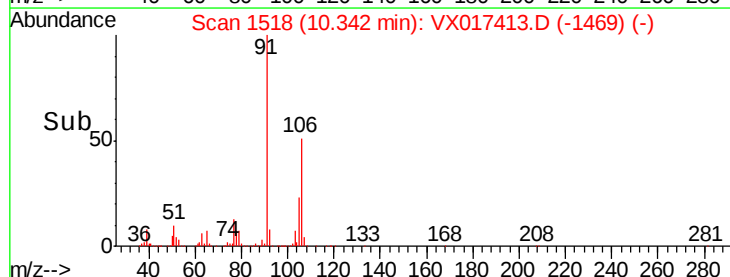
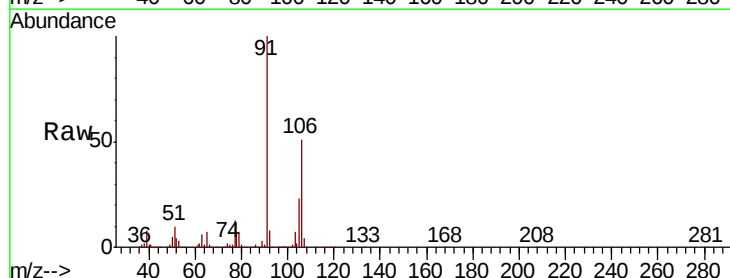
Manual Integrations
APPROVED

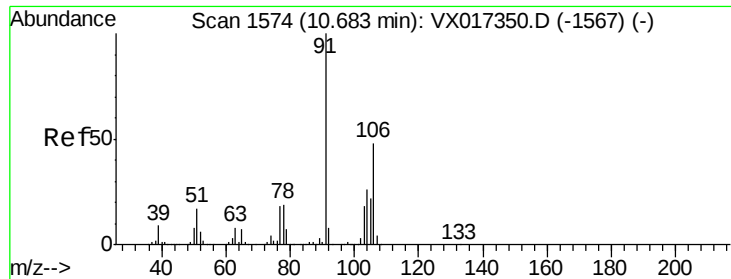
MMDadoda
7/20/2020 11:50:15 AM



#68
m/p-Xylenes
Concen: 42.230 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion: 106 Resp: 255870
Ion Ratio Lower Upper
106 100
91 196.3 162.5 243.7





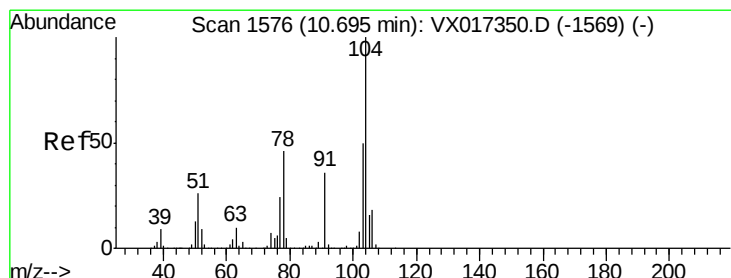
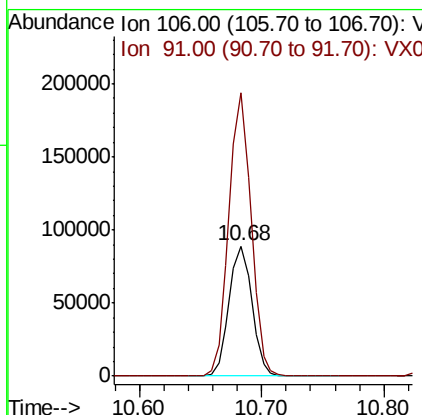
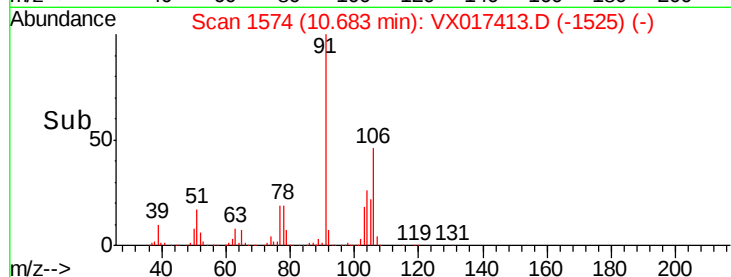
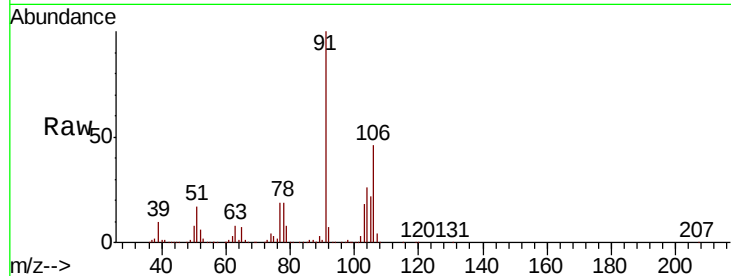
#69
o-Xylene
Concen: 19.932 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.3	106.1	318.1

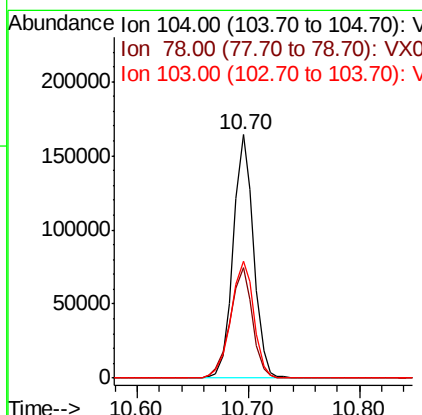
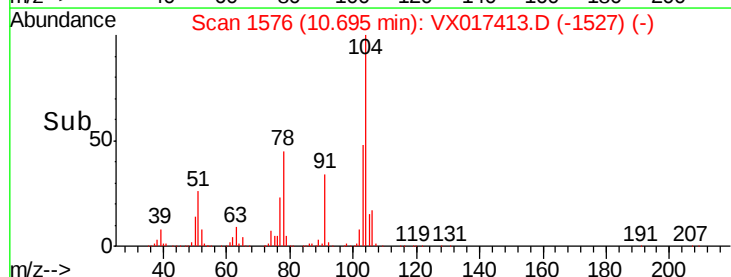
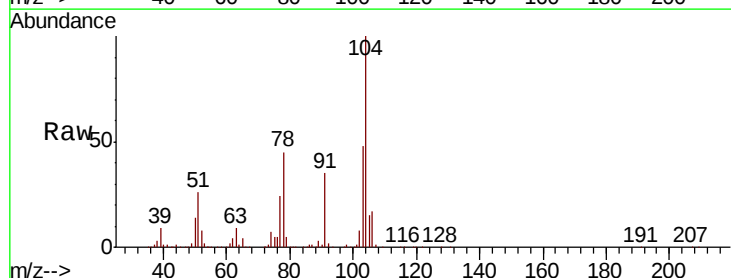
Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#70
Styrene
Concen: 20.915 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.7	40.8	61.2
103	54.2	43.3	64.9





#71

Bromoform

Concen: 19.162 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion:173 Resp: 61580

Ion Ratio Lower Upper

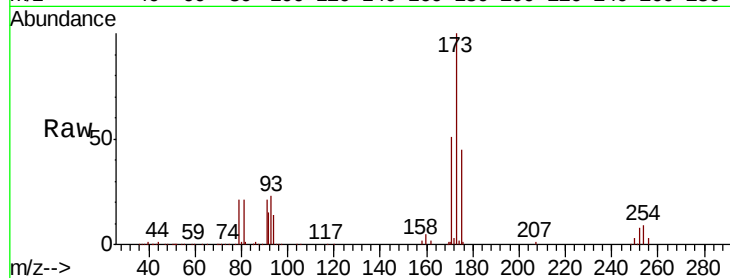
173 100

175 48.9 24.7 74.1

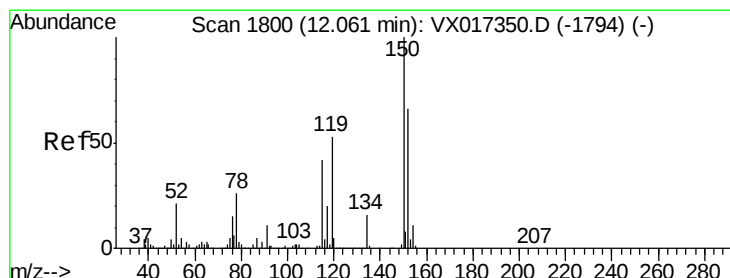
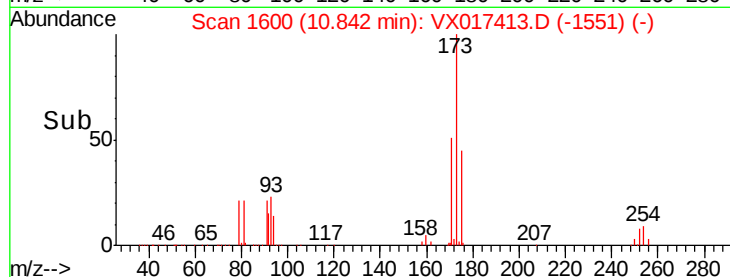
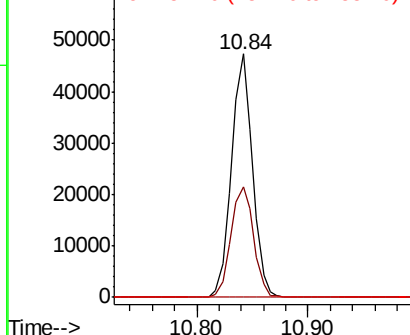
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

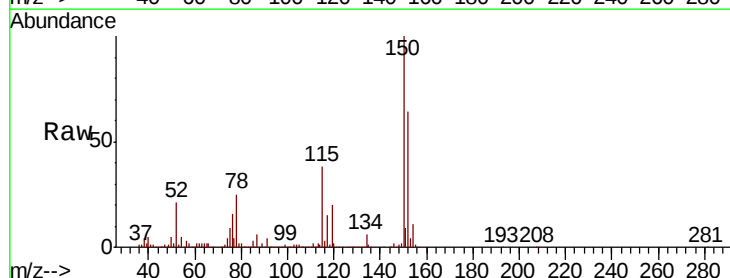
Tgt Ion:152 Resp: 250282

Ion Ratio Lower Upper

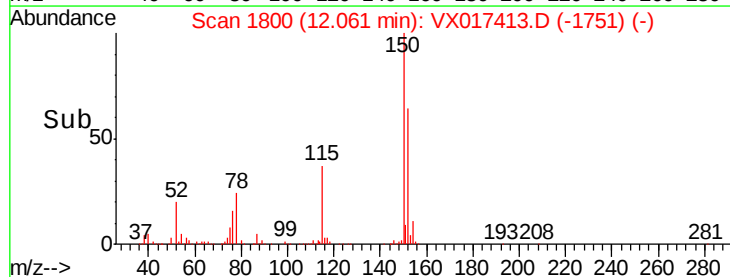
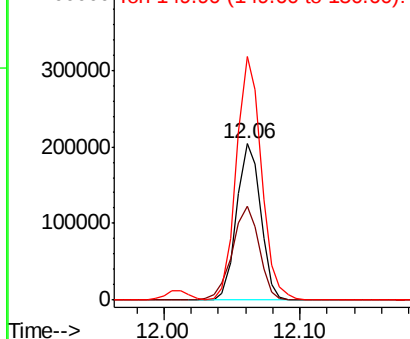
152 100

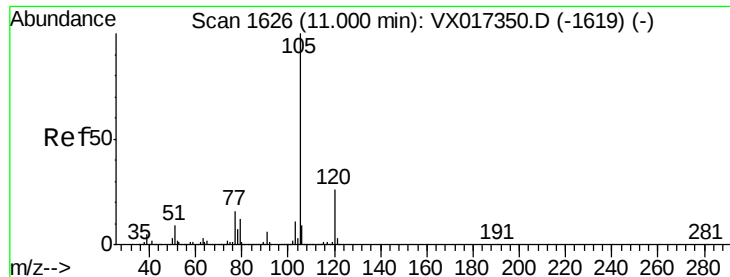
115 66.7 39.9 119.7

150 162.5 0.0 343.4



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





#73

Isopropylbenzene

Concen: 20.471 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 105 Resp: 321178

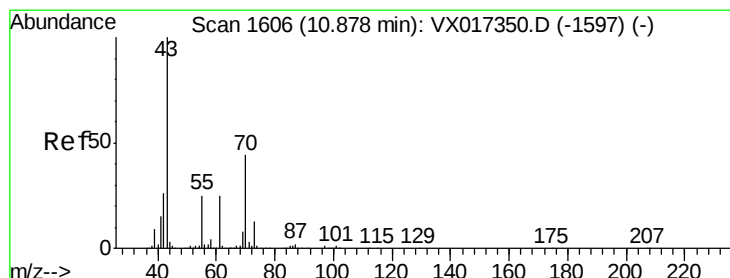
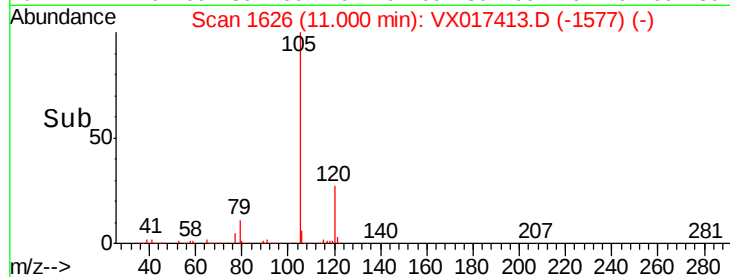
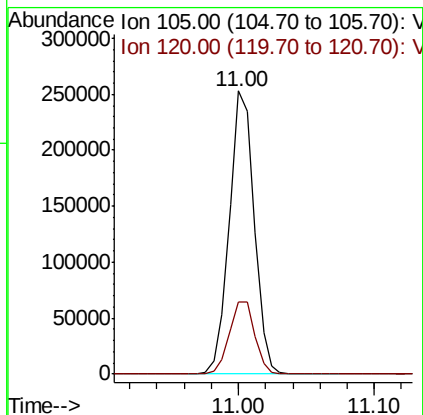
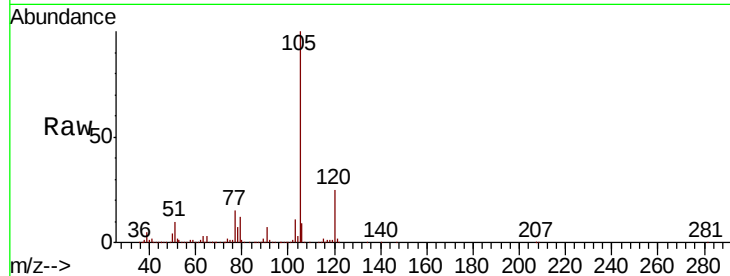
Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#74

N-ethyl acetate

Concen: 21.051 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion: 43 Resp: 132164

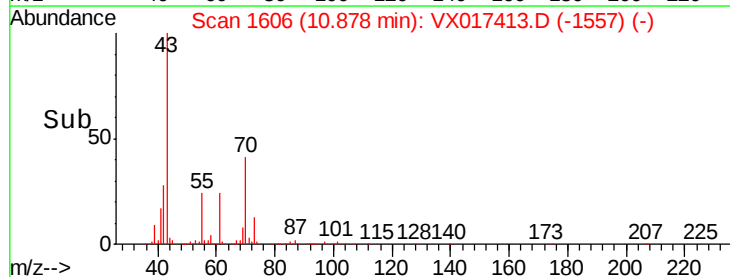
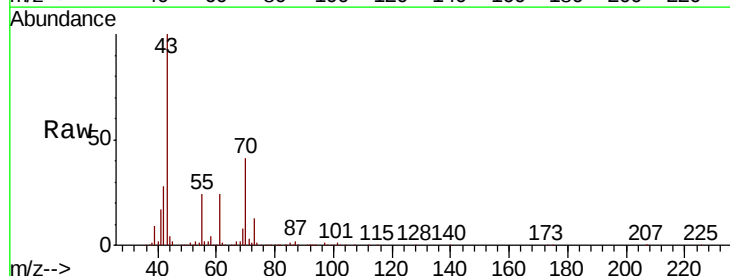
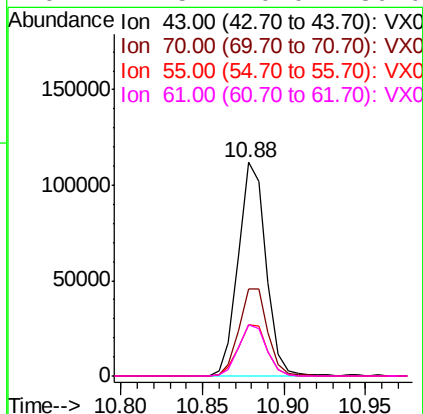
Ion Ratio Lower Upper

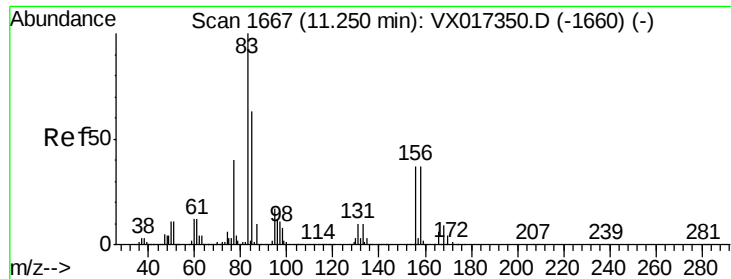
43 100

70 42.6 35.7 53.5

55 25.5 20.3 30.5

61 24.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.465 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

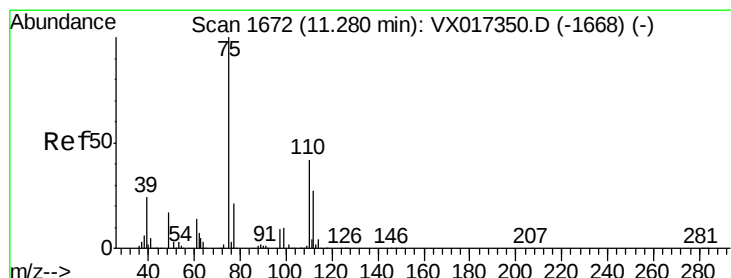
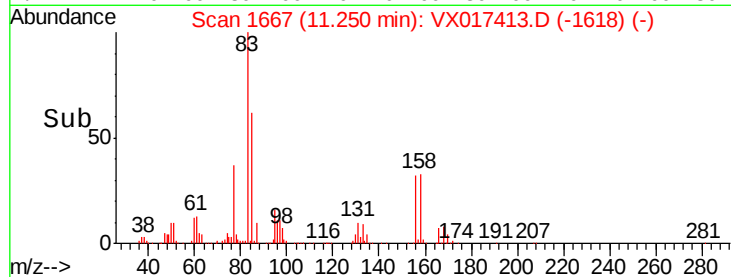
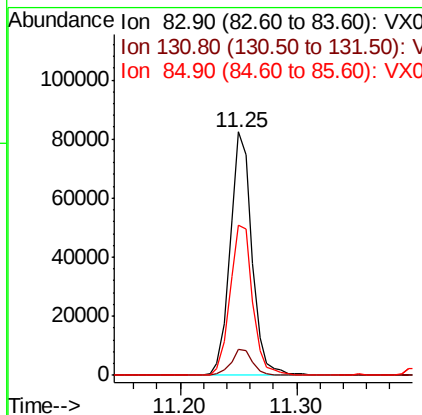
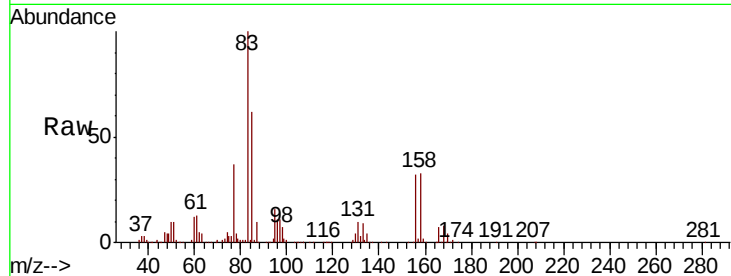
ClientSampleId :

VX0717WBS01

Tot Ion:	83	Resp:	107015
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.7
85	64.3	32.6	98.0

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#76

1,2,3-Trichloropropane

Concen: 21.834 ug/l m

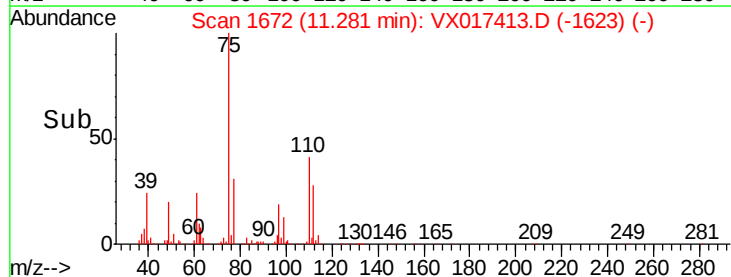
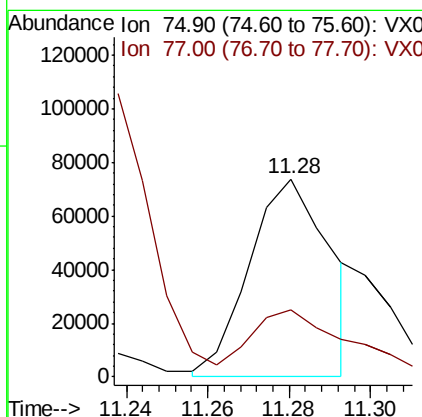
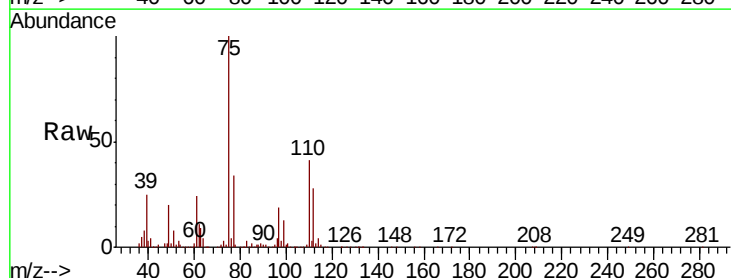
RT: 11.28 min Scan# 1672

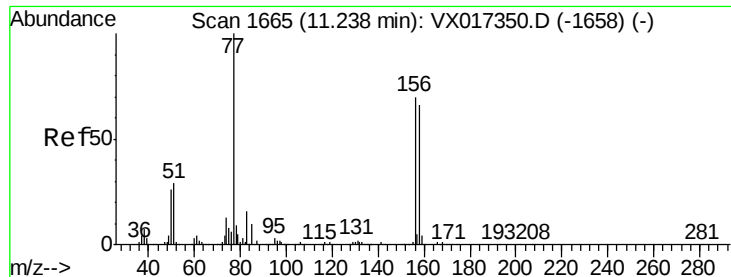
Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion:	75	Resp:	100978
Ion Ratio	Lower	Upper	
75	100		
77	41.8	20.3	60.9





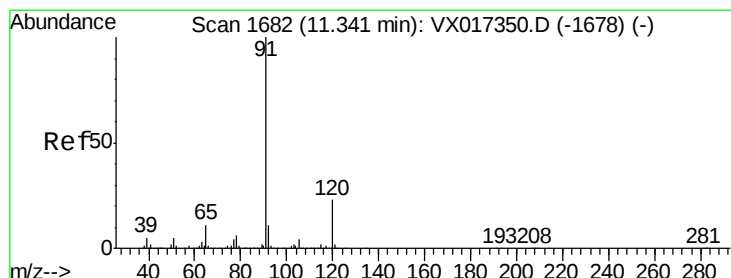
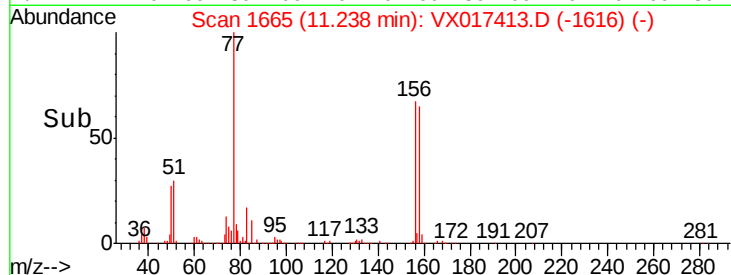
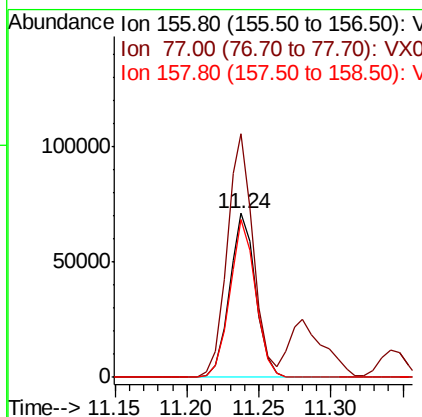
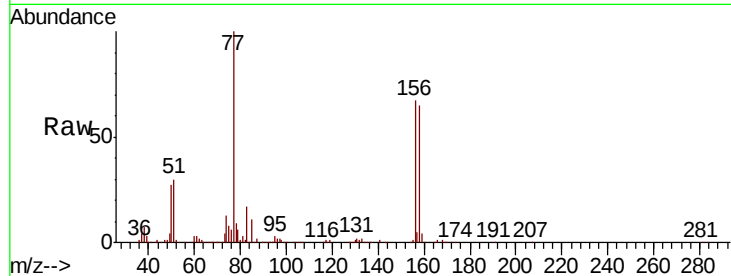
#77
Bromobenzene
Concen: 20.081 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.5	72.1	216.3
158	95.2	47.4	142.3

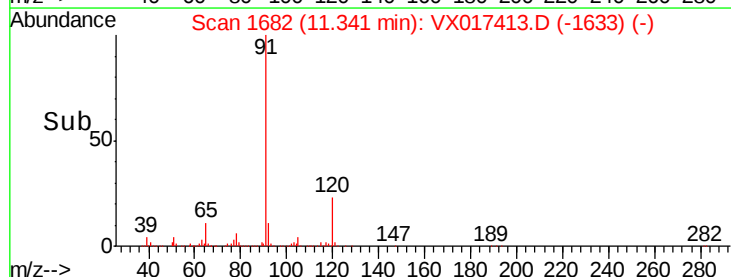
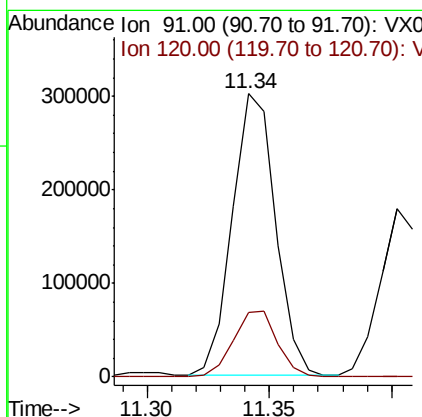
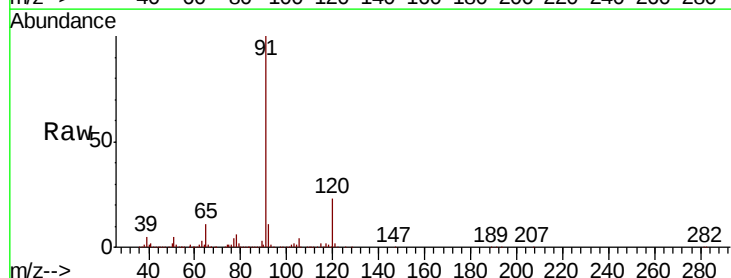
Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#78
n-propylbenzene
Concen: 21.018 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.9





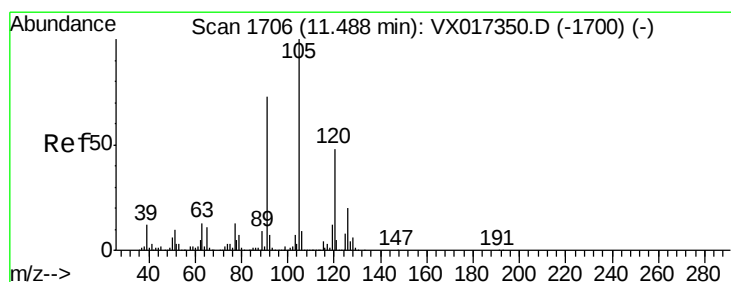
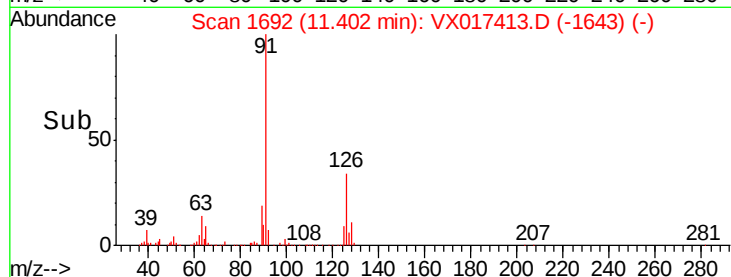
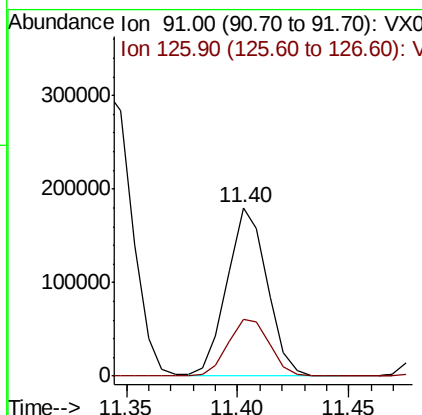
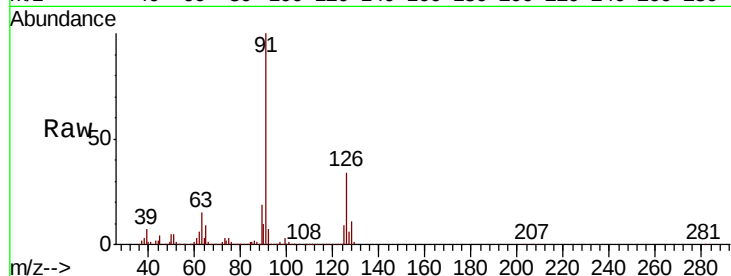
#79
2-Chlorotoluene
Concen: 20.628 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.4	52.3

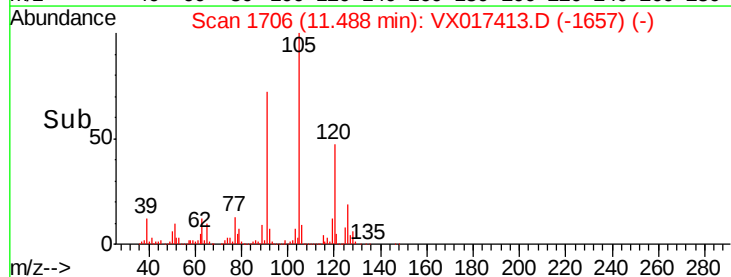
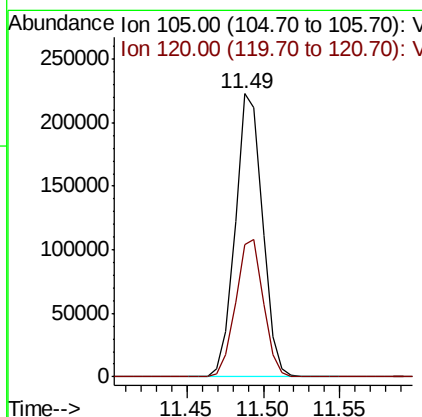
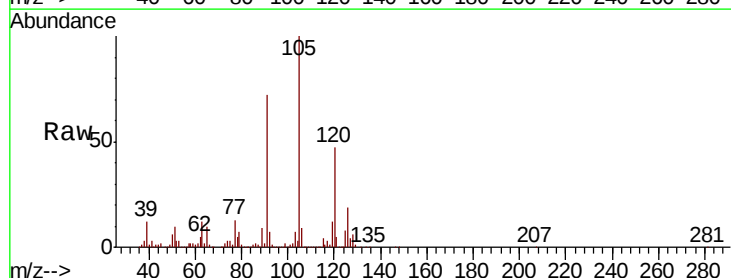
Manual Integrations
APPROVED

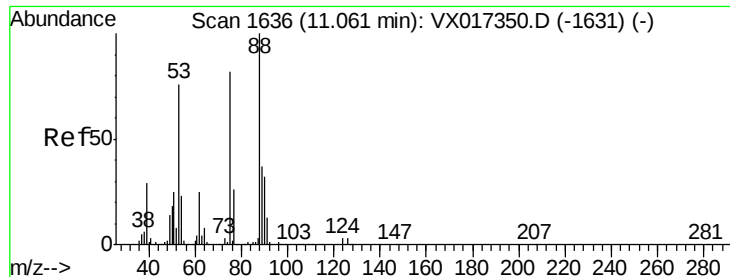
MMDadoda
7/20/2020 11:50:15 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.635 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.8	74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.087 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tot Ion: 75 Resp: 36620

Ion Ratio Lower Upper

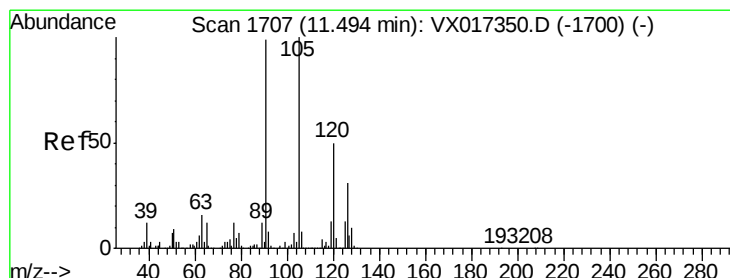
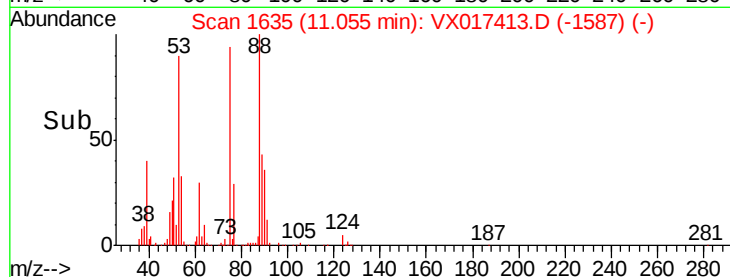
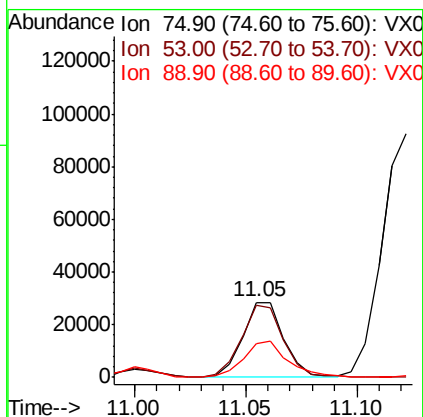
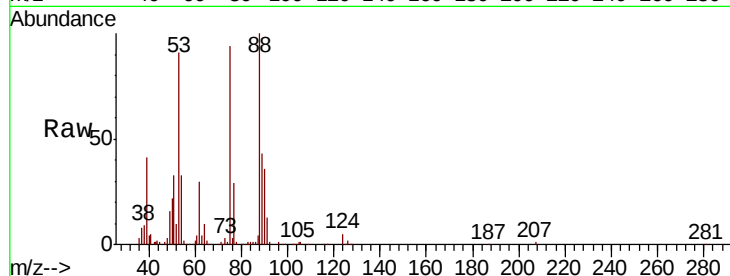
75 100

53 97.7 76.5 114.7

89 51.8 38.1 57.1

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#82

4-Chlorotoluene

Concen: 20.955 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017413.D

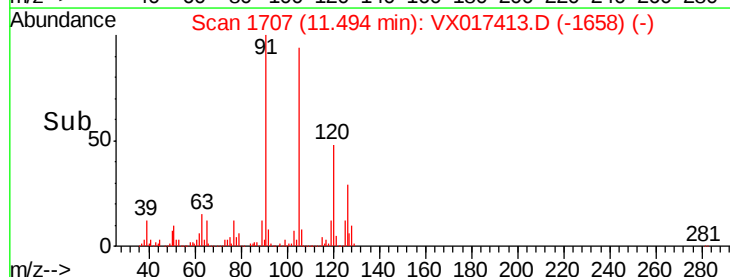
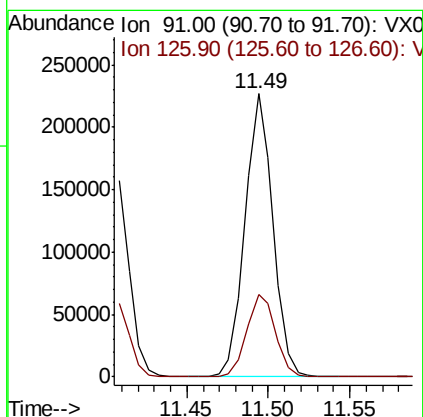
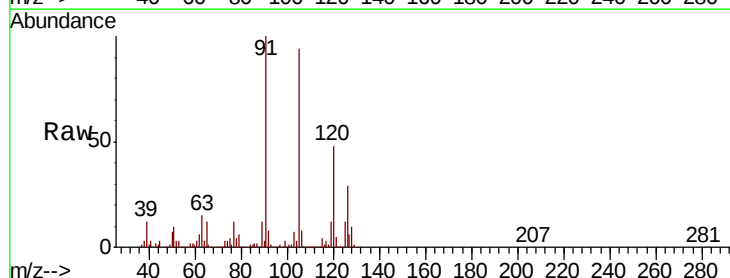
Acq: 17 Jul 2020 12:23

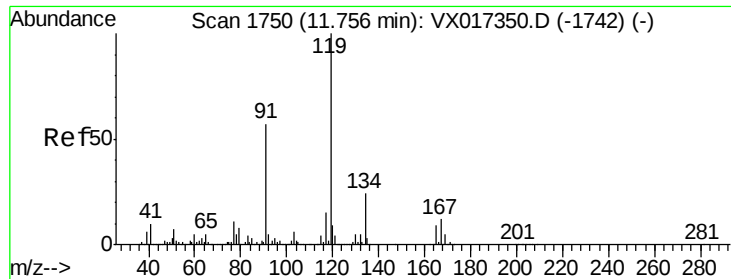
Tgt Ion: 91 Resp: 269666

Ion Ratio Lower Upper

91 100

126 30.3 15.4 46.2





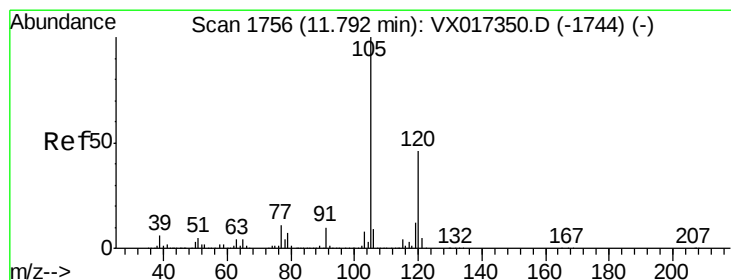
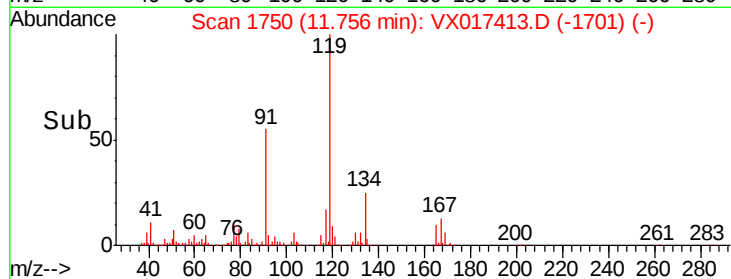
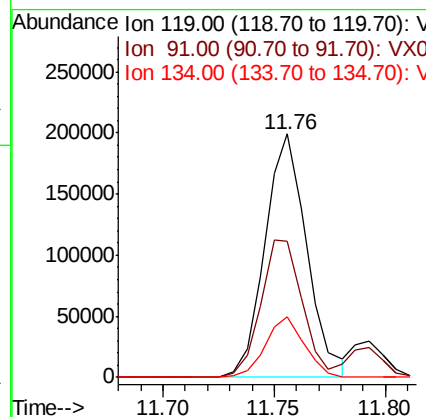
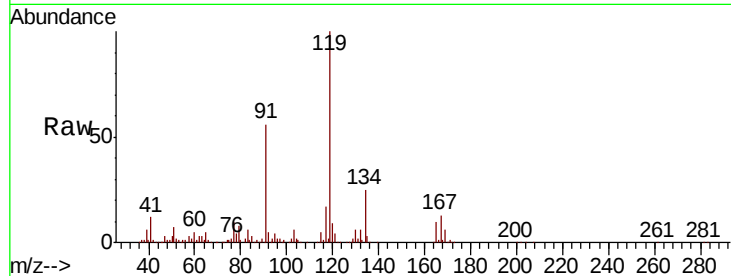
#83
tert-Butylbenzene
Concen: 20.190 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	259932		
91	55.8	28.5	85.6	
134	23.3	11.9	35.9	

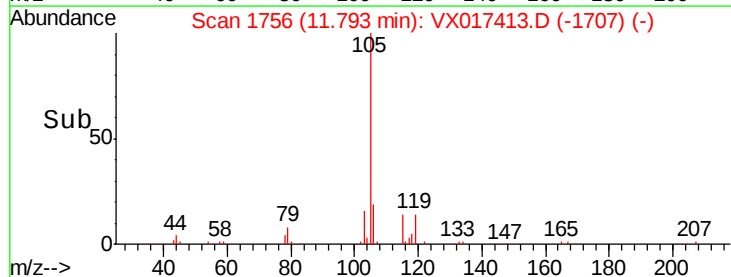
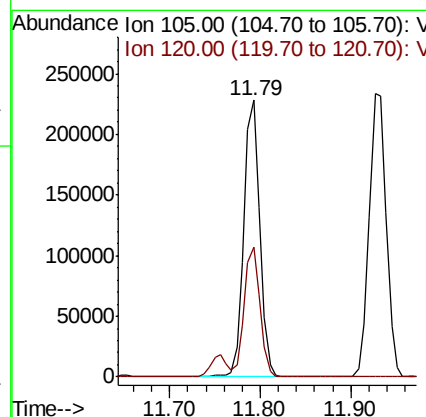
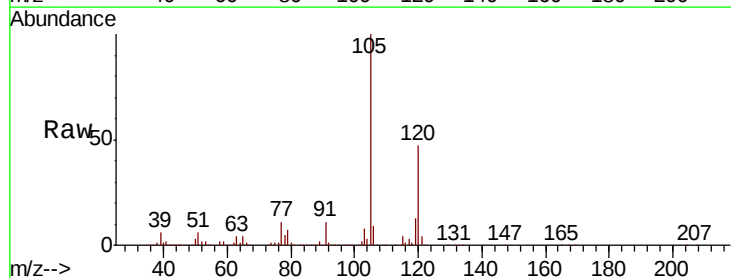
Manual Integrations
APPROVED

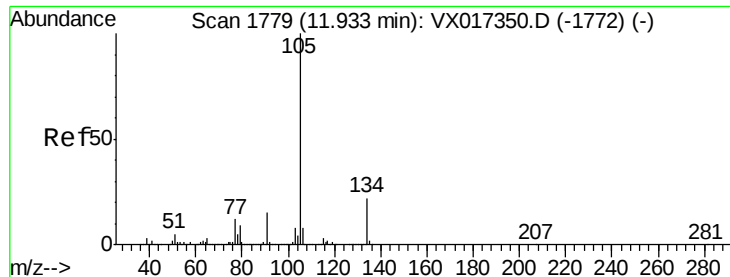
MMDadoda
7/20/2020 11:50:15 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.739 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279045		
120	46.1	22.8	68.4	





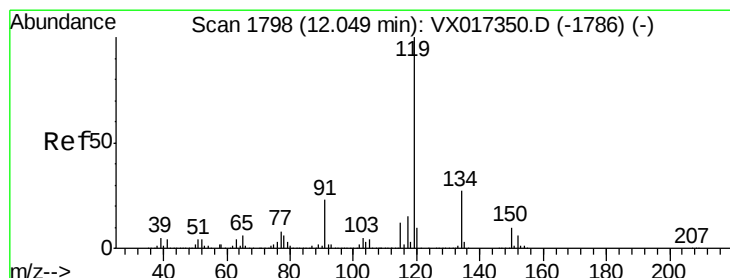
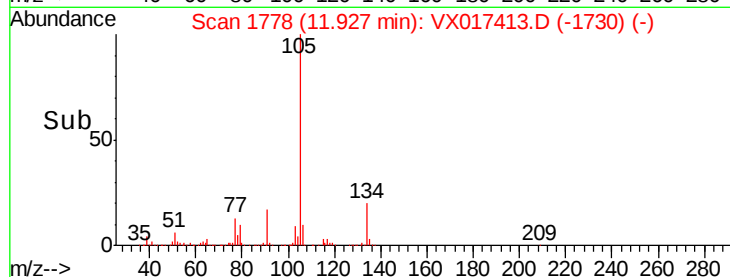
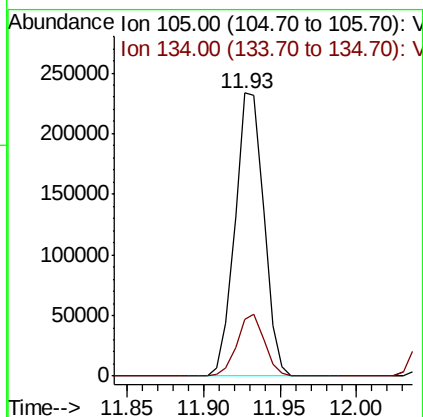
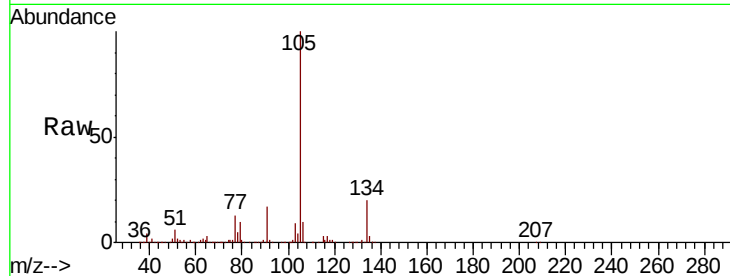
#85
 sec-Butylbenzene
 Concen: 20.239 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.5	31.5

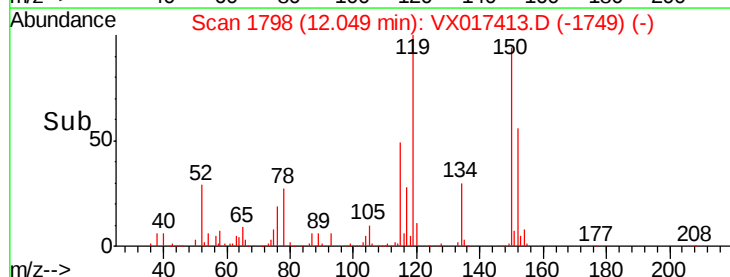
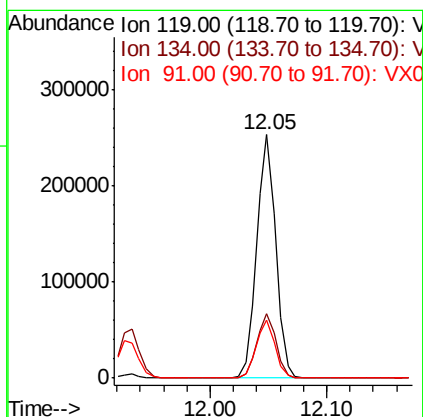
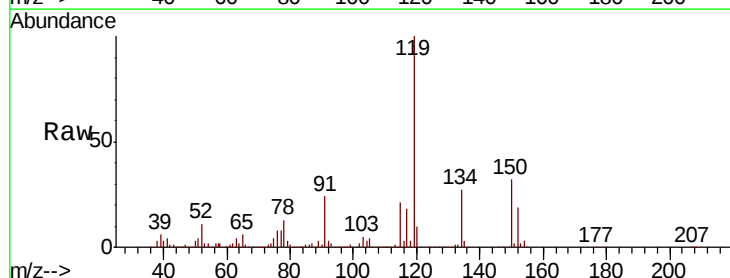
Manual Integrations
 APPROVED

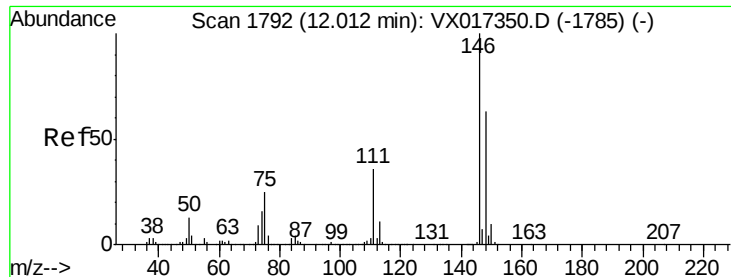
MMDadoda
 7/20/2020 11:50:15 AM



#86
 p-Isopropyltoluene
 Concen: 20.298 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.5	40.5
91	23.7	11.8	35.3





#87

1,3-Dichlorobenzene

Concen: 19.733 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Instrument :

MSVOA_X

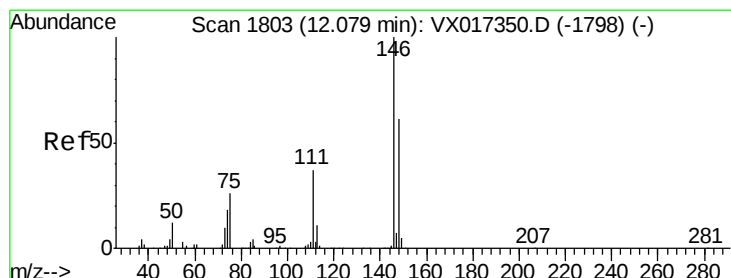
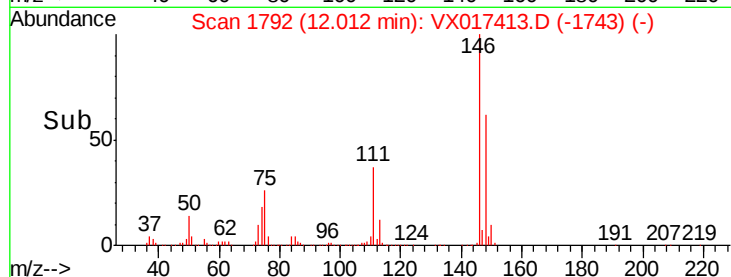
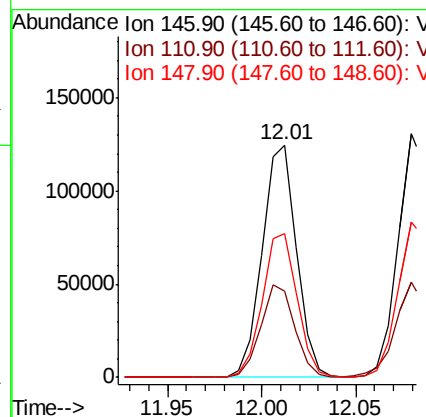
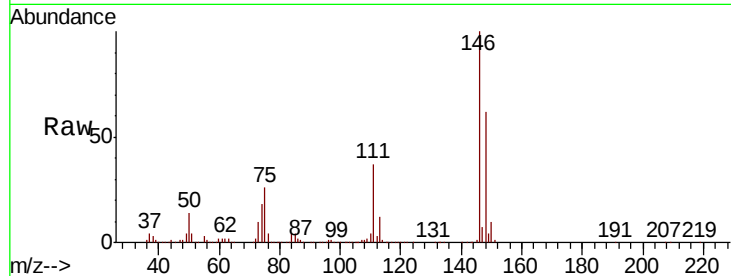
ClientSampleId :

VX0717WBS01

Tot Ion:	146	Resp:	157742
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.2	57.6
148	62.6	31.6	95.0

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#88

1,4-Dichlorobenzene

Concen: 19.841 ug/l

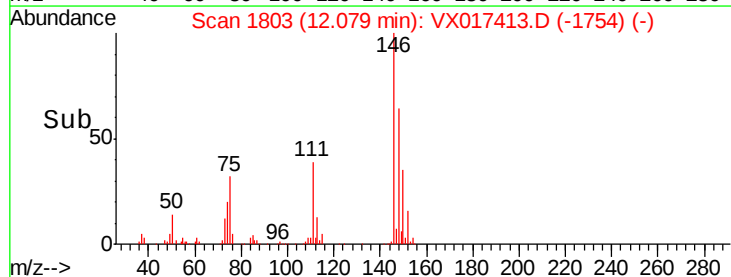
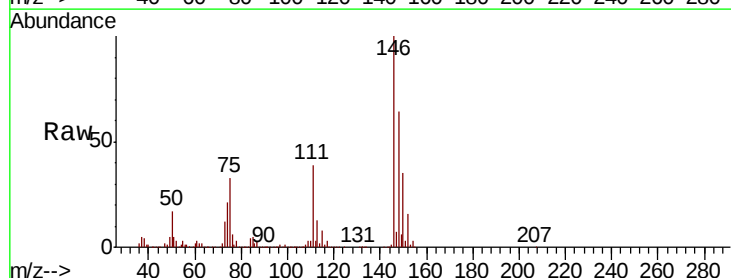
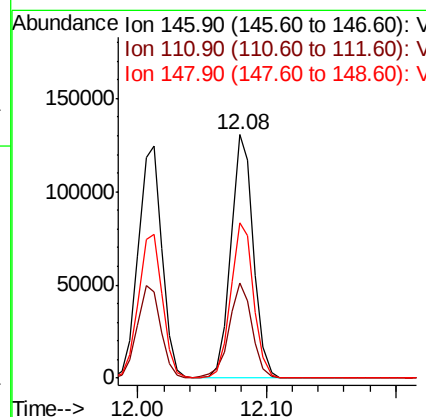
RT: 12.08 min Scan# 1803

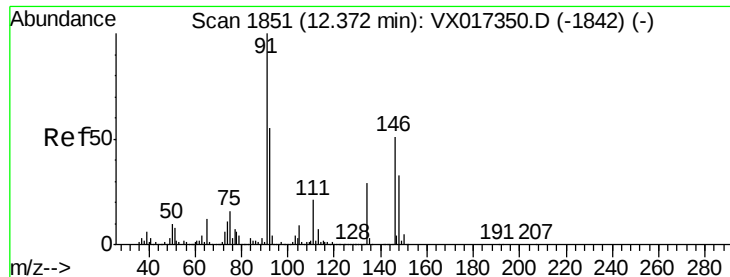
Delta R.T. 0.00 min

Lab File: VX017413.D

Acq: 17 Jul 2020 12:23

Tgt Ion:	146	Resp:	160240
Ion Ratio	Lower	Upper	
146	100		
111	40.0	18.9	56.9
148	64.6	31.9	95.9





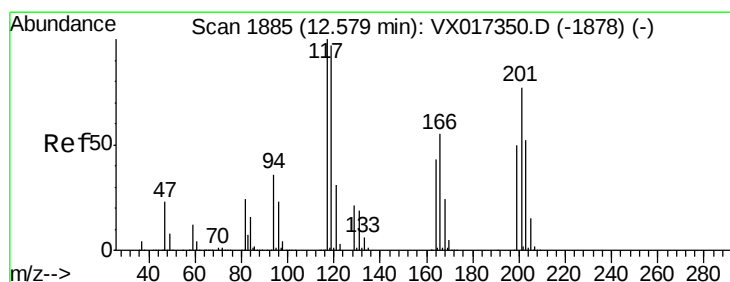
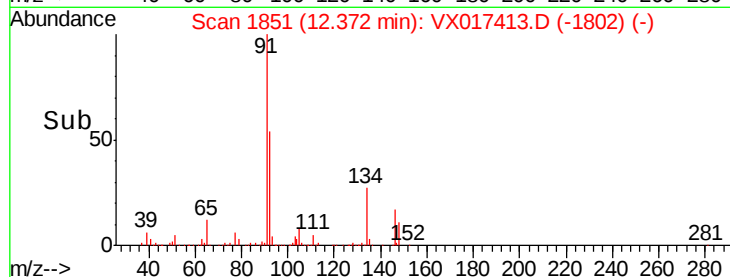
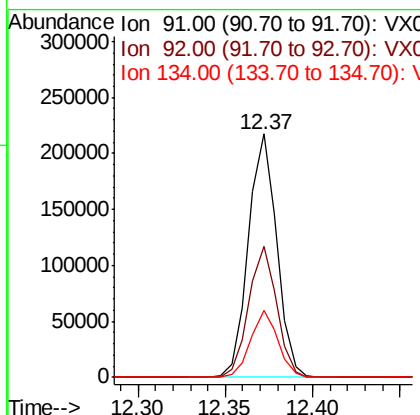
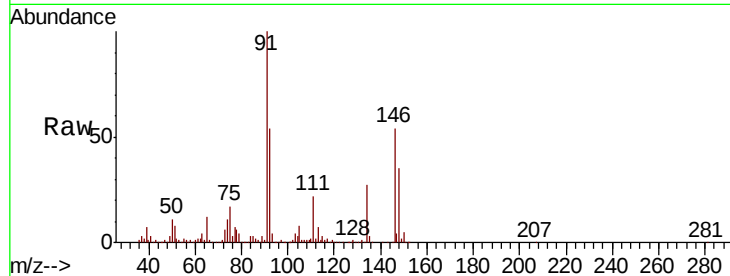
#89
n-Butylbenzene
Concen: 20.087 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	81.0
134	26.5	14.1	42.2

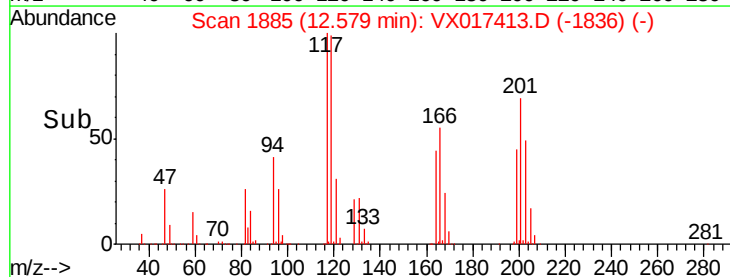
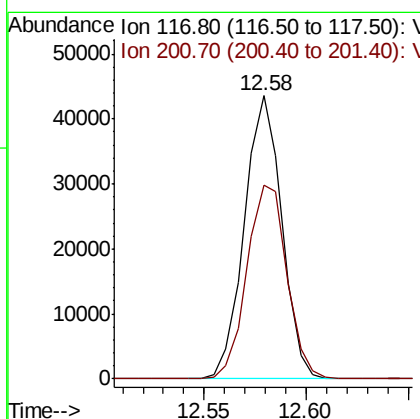
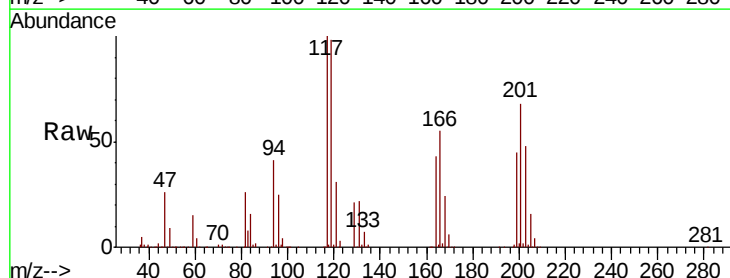
Manual Integrations
APPROVED

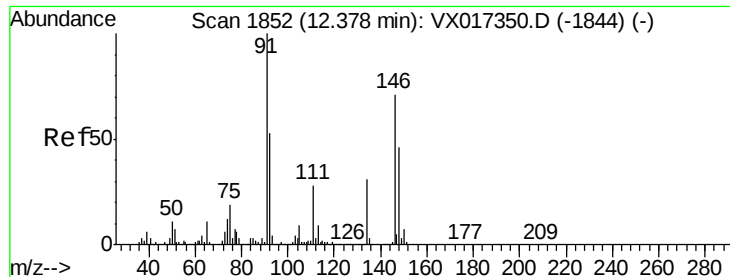
MMDadoda
7/20/2020 11:50:15 AM



#90
Hexachloroethane
Concen: 20.515 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.5	41.0	123.0





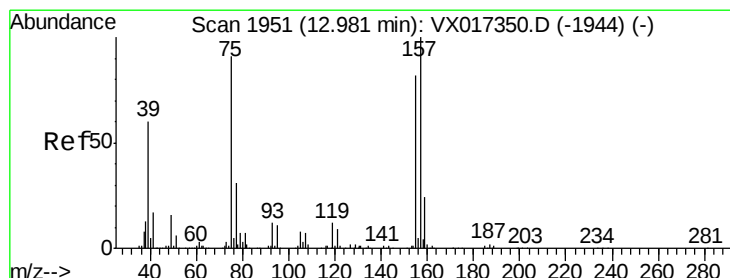
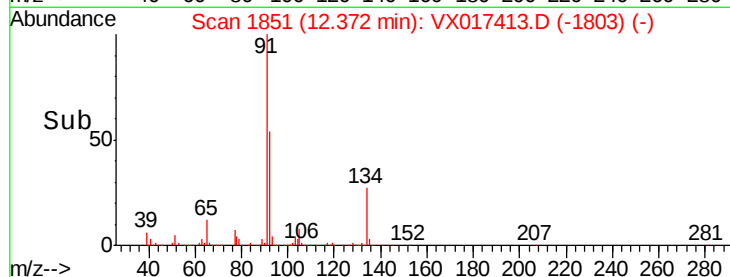
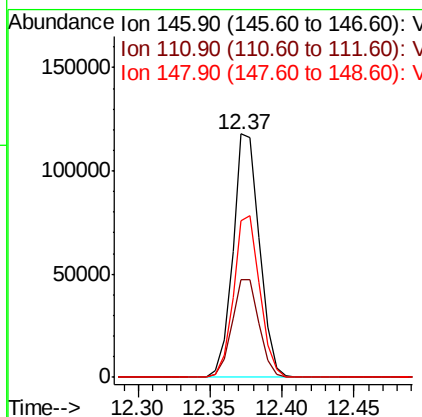
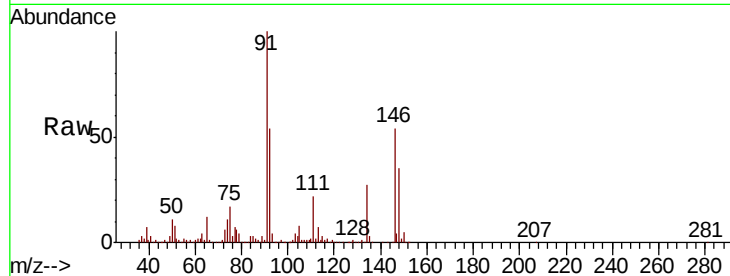
#91
 1,2-Dichlorobenzene
 Concen: 20.186 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	151637		
111	41.2	20.3	61.0	
148	65.5	32.0	96.0	

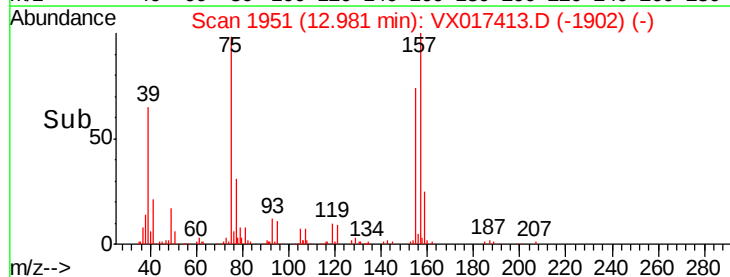
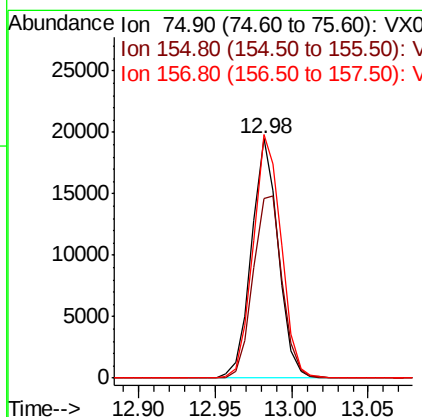
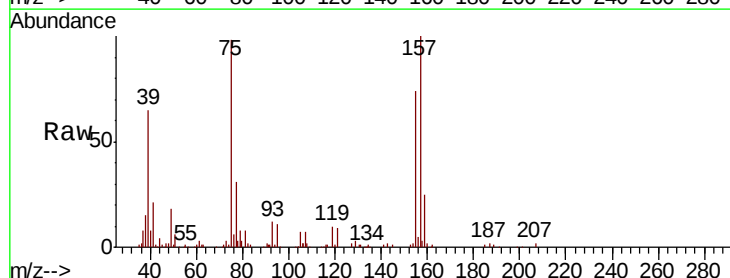
Manual Integrations
 APPROVED

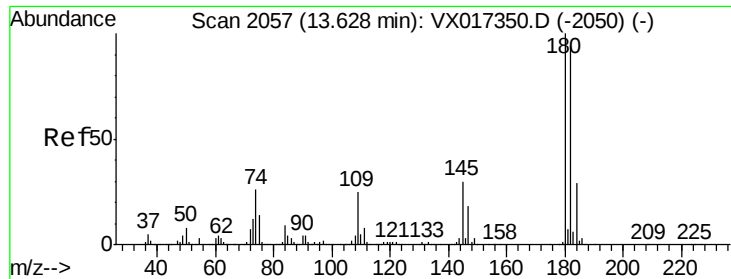
MMDadoda
 7/20/2020 11:50:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.927 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23791		
155	82.6	46.5	139.3	
157	106.1	58.0	173.9	





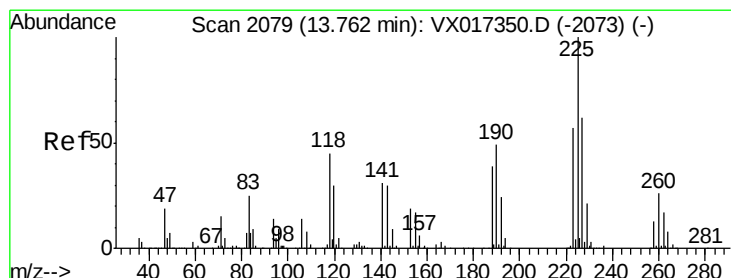
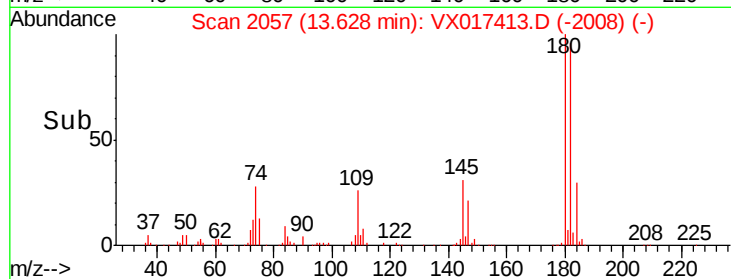
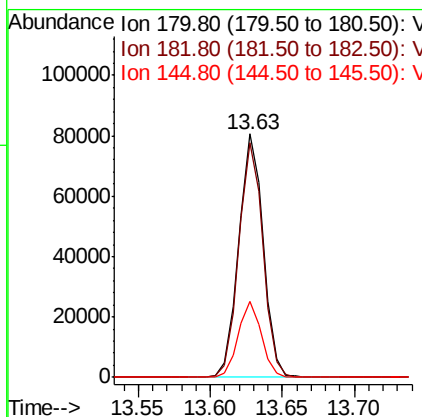
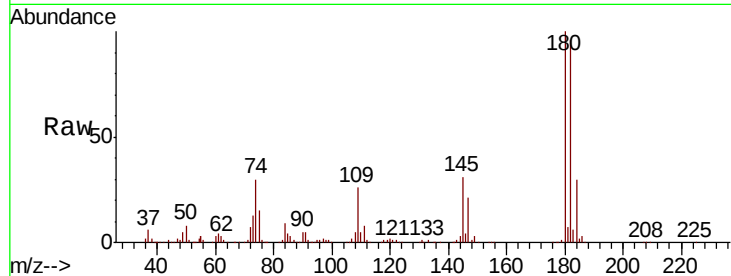
#93
 1,2,4-Trichlorobenzene
 Concen: 18.255 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.4	145.0
145	29.8	15.3	45.8

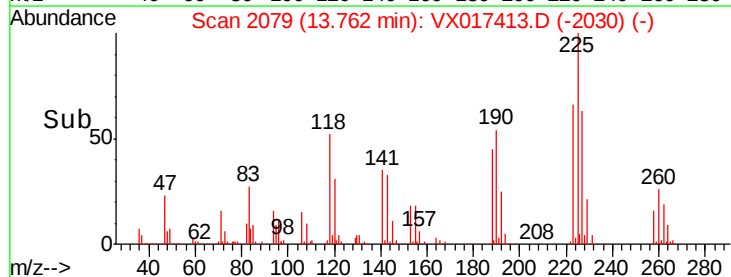
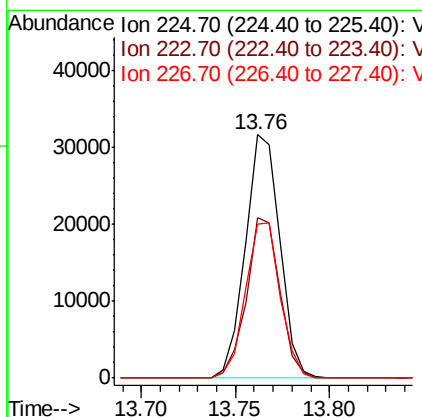
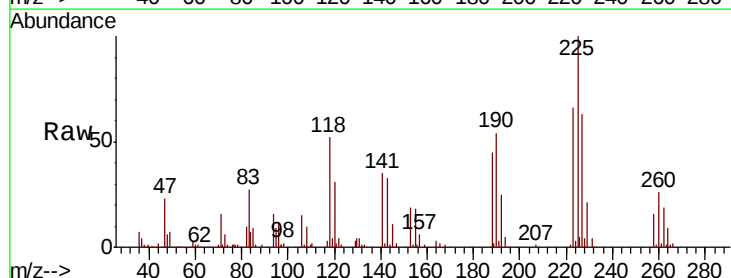
Manual Integrations
 APPROVED

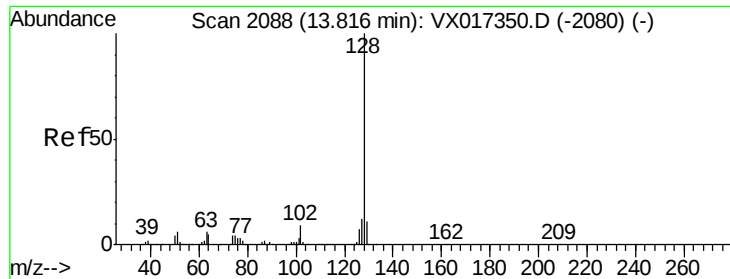
MMDadoda
 7/20/2020 11:50:15 AM



#94
 Hexachlorobutadiene
 Concen: 18.924 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017413.D
 Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.3	93.8
227	63.9	31.6	95.0





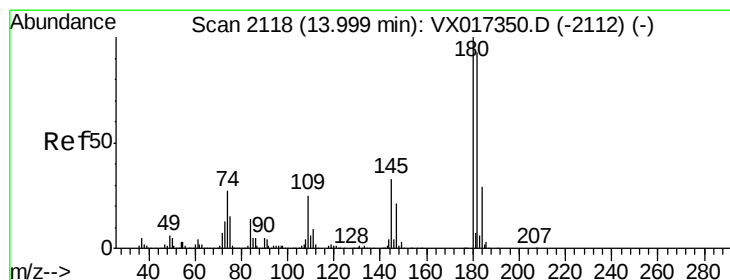
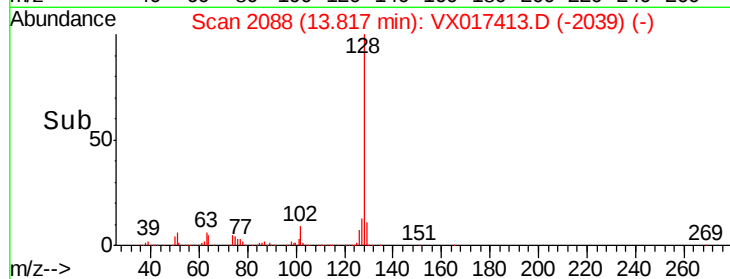
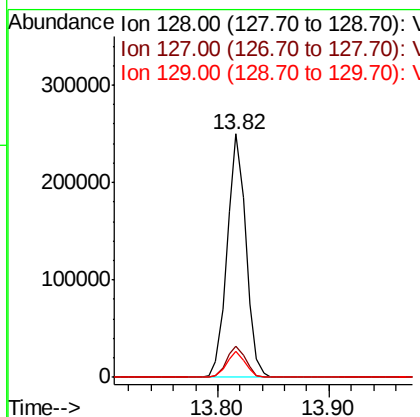
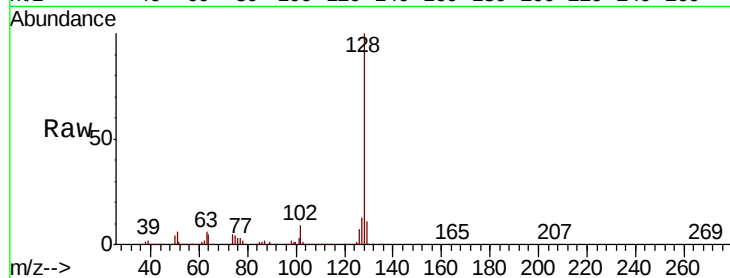
#95
Naphthalene
Concen: 19.001 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.823 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017413.D
Acq: 17 Jul 2020 12:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.8	146.3
145	32.5	16.6	49.7

