

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016967.D
 Acq On : 25 Jun 2020 21:08
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX062620

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:32 PM

Quant Time: Jun 26 08:37:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	217378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	369315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	340927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	148198	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
35) Dibromofluoromethane	5.47	113	113432	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
50) Toluene-d8	8.70	98	422479	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.12	95	162458	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	116957	56.454	ug/l	99
3) Chloromethane	1.31	50	133643	50.181	ug/l	99
4) Vinyl Chloride	1.39	62	134713	49.387	ug/l	98
5) Bromomethane	1.62	94	95972	52.985	ug/l	99
6) Chloroethane	1.71	64	85877	46.389	ug/l	98
7) Trichlorofluoromethane	1.92	101	219820	49.403	ug/l	97
8) Diethyl Ether	2.17	74	78256	45.657	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116728	49.011	ug/l	100
10) Methyl Iodide	2.49	142	139844	46.999	ug/l	99
11) Tert butyl alcohol	3.01	59	148639	239.843	ug/l	100
12) 1,1-Dichloroethene	2.36	96	114827	47.656	ug/l	95
13) Acrolein	2.27	56	126793	276.034	ug/l	98
14) Allyl chloride	2.71	41	214273	47.761	ug/l	99
15) Acrylonitrile	3.12	53	344915	239.707	ug/l	99
16) Acetone	2.42	43	296292	230.904	ug/l	100
17) Carbon Disulfide	2.55	76	359335	47.032	ug/l	98
18) Methyl Acetate	2.75	43	147382	47.211	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	408416	48.496	ug/l	99
20) Methylene Chloride	2.84	84	128409	44.022	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	128118	47.062	ug/l	99
22) Diisopropyl ether	3.82	45	427940	48.655	ug/l	97
23) Vinyl Acetate	3.79	43	1878062	243.985	ug/l	100
24) 1,1-Dichloroethane	3.67	63	232103	47.045	ug/l	99
25) 2-Butanone	4.64	43	474413	242.582	ug/l	99
26) 2,2-Dichloropropane	4.55	77	181760	45.543	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	140925	46.846	ug/l	96
28) Bromochloromethane	4.98	49	97385	42.241	ug/l	100
29) Tetrahydrofuran	5.09	42	312820	243.318	ug/l	98
30) Chloroform	5.18	83	232723	46.967	ug/l	95
31) Cyclohexane	5.55	56	203230	49.311	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	212937	47.968	ug/l	99
36) 1,1-Dichloropropene	5.77	75	175330	47.946	ug/l	99
37) Ethyl Acetate	4.79	43	189670	48.262	ug/l	99
38) Carbon Tetrachloride	5.75	117	185961	48.050	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062620\
 Data File : VX016967.D
 Acq On : 25 Jun 2020 21:08
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX062620

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:32 PM

Quant Time: Jun 26 08:37:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	199543	50.425	ug/l	97
40) Benzene	6.12	78	505717	48.022	ug/l	99
41) Methacrylonitrile	5.01	41	104860	47.882	ug/l	96
42) 1,2-Dichloroethane	6.16	62	193149	46.681	ug/l	99
43) Isopropyl Acetate	6.41	43	318161	48.123	ug/l	99
44) Trichloroethene	7.19	130	136400	48.656	ug/l	92
45) 1,2-Dichloropropane	7.49	63	132323	47.000	ug/l	94
46) Dibromomethane	7.64	93	91510	47.846	ug/l	98
47) Bromodichloromethane	7.88	83	187225	46.802	ug/l	96
48) Methyl methacrylate	7.74	41	151704	49.138	ug/l	98
49) 1,4-Dioxane	7.71	88	60040	934.935	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	943920	249.462	ug/l	100
52) Toluene	8.76	92	316950	48.830	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	209494	48.903	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	218788	48.584	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	126903	47.582	ug/l	99
56) Ethyl methacrylate	9.16	69	201581	50.431	ug/l	98
57) 1,3-Dichloropropane	9.35	76	216854	47.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	525366	254.397	ug/l	99
59) 2-Hexanone	9.48	43	712325	250.246	ug/l	100
60) Dibromochloromethane	9.57	129	146041	48.035	ug/l	97
61) 1,2-Dibromoethane	9.65	107	135565	47.606	ug/l	100
64) Tetrachloroethene	9.32	164	115891	50.217	ug/l	94
65) Chlorobenzene	10.12	112	339310	48.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	128763	49.695	ug/l	99
67) Ethyl Benzene	10.23	91	611857	49.993	ug/l	99
68) m/p-Xylenes	10.34	106	459609	101.084	ug/l	98
69) o-Xylene	10.68	106	219106	50.511	ug/l	98
70) Styrene	10.70	104	379647	51.378	ug/l	99
71) Bromoform	10.84	173	106307	51.600	ug/l #	96
73) Isopropylbenzene	11.00	105	595429	50.093	ug/l	100
74) N-amyl acetate	10.88	43	275653	49.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	193412	48.352	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	182882m	50.478	ug/l	
77) Bromobenzene	11.24	156	149565	48.532	ug/l	96
78) n-propylbenzene	11.34	91	691785	49.309	ug/l	99
79) 2-Chlorotoluene	11.40	91	404826	47.985	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	502640	50.876	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68790	48.206	ug/l	96
82) 4-Chlorotoluene	11.49	91	487440	49.091	ug/l	99
83) tert-Butylbenzene	11.76	119	490377	50.963	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	508843	50.918	ug/l	98
85) sec-Butylbenzene	11.93	105	573463	51.116	ug/l	100
86) p-Isopropyltoluene	12.05	119	529592	51.665	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	268457	48.534	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	273666	48.464	ug/l	100
89) n-Butylbenzene	12.37	91	484301	50.194	ug/l	99
90) Hexachloroethane	12.58	117	102462	48.218	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	254923	48.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43469	47.491	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016967.D
Acq On : 25 Jun 2020 21:08
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM

Quant Time: Jun 26 08:37:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	168456	49.297	ug/l	98
94) Hexachlorobutadiene	13.76	225	63037	51.347	ug/l	97
95) Naphthalene	13.82	128	581188	51.756	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	166126	50.691	ug/l	99

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

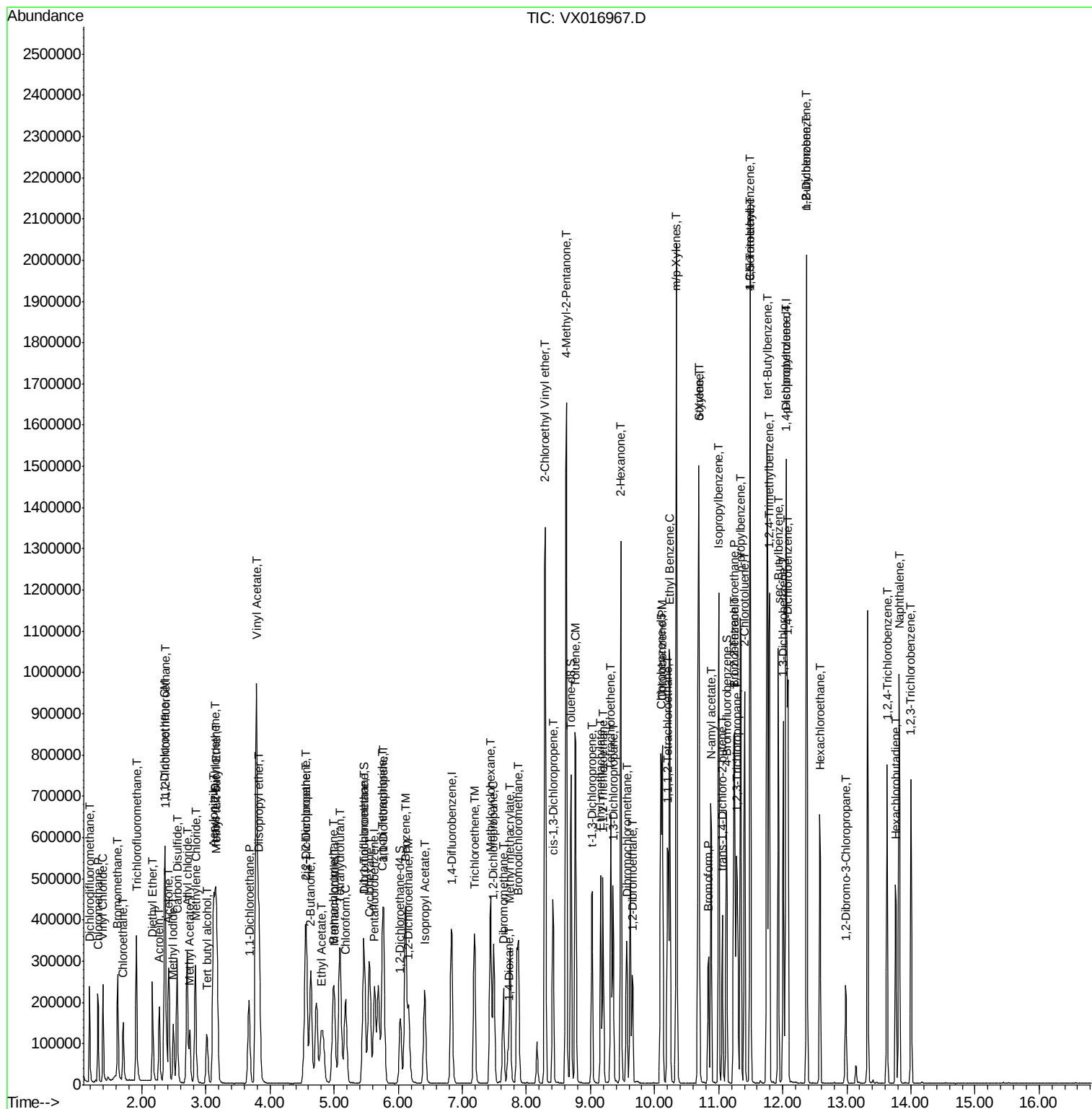
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016967.D
Acq On : 25 Jun 2020 21:08
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

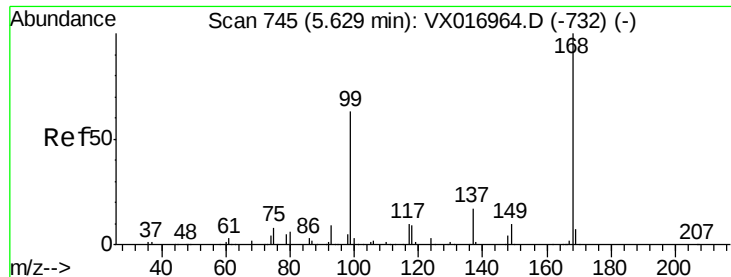
Instrument :
MSVOA_X
ClientSampleID :
ICVVX062620

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM

Quant Time: Jun 26 08:37:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 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: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion:168 Resp: 217378

Ion Ratio Lower Upper

168 100

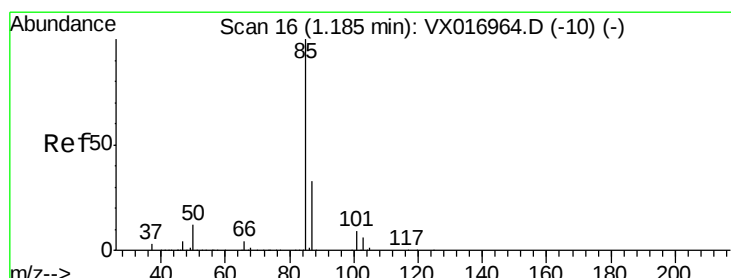
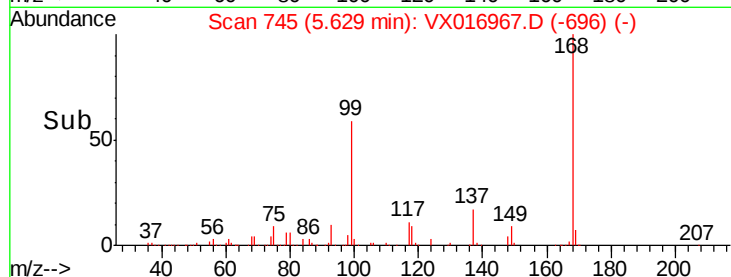
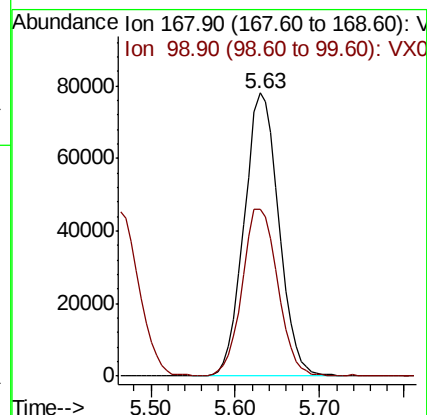
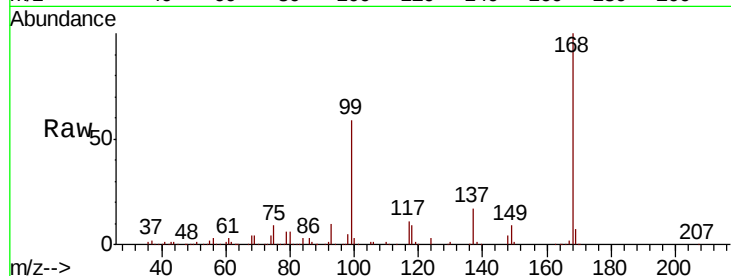
99 58.6 50.2 75.2

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:32 PM



#2

Dichlorodifluoromethane

Concen: 56.454 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016967.D

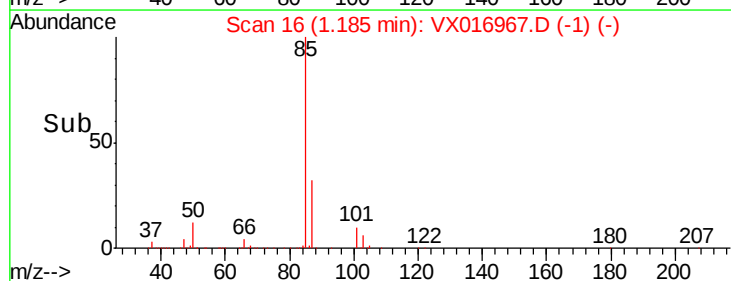
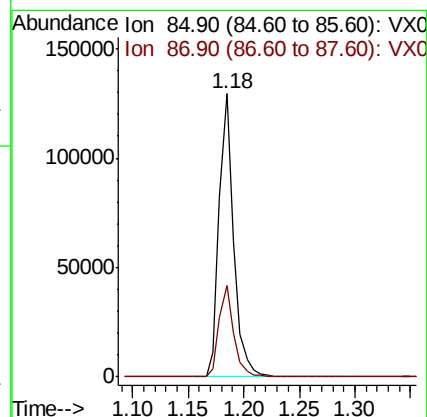
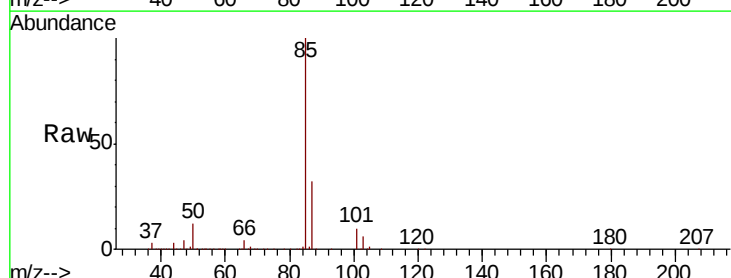
Acq: 25 Jun 2020 21:08

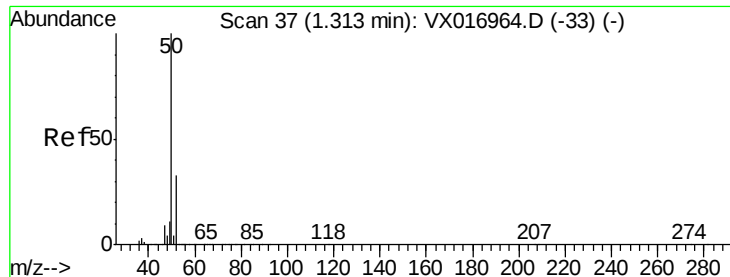
Tgt Ion: 85 Resp: 116957

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9





#3

Chloromethane

Concen: 50.181 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 50 Resp: 133643

Ion Ratio Lower Upper

50 100

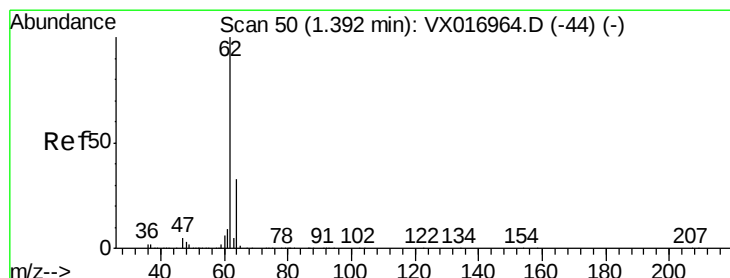
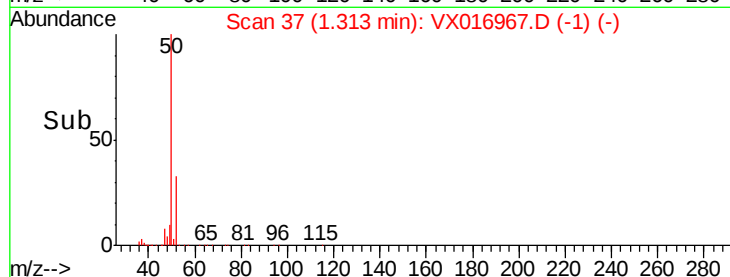
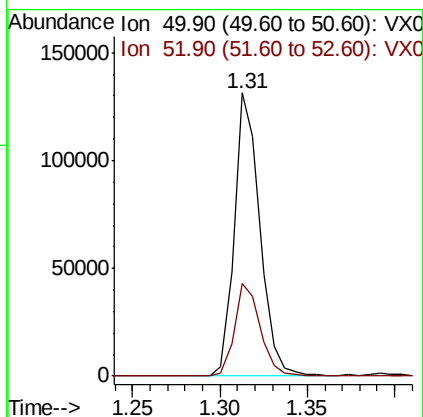
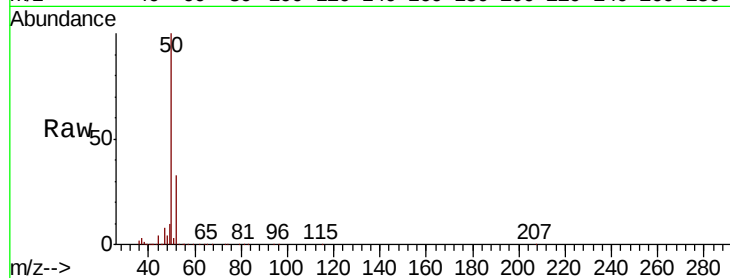
52 32.7 26.6 40.0

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:32 PM



#4

Vinyl Chloride

Concen: 49.387 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016967.D

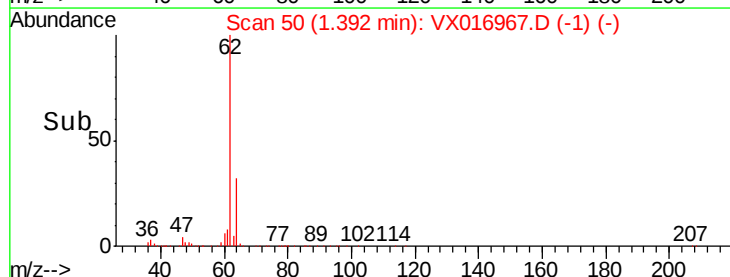
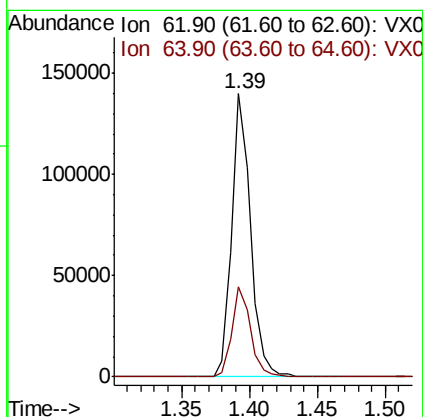
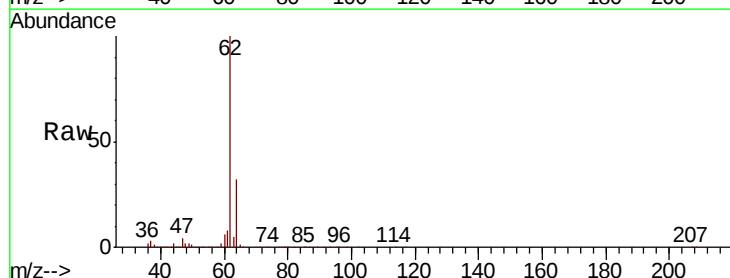
Acq: 25 Jun 2020 21:08

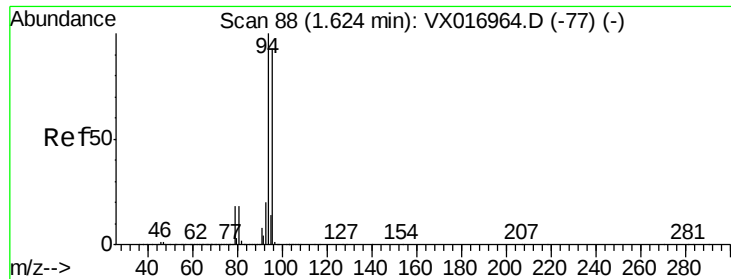
Tgt Ion: 62 Resp: 134713

Ion Ratio Lower Upper

62 100

64 32.1 26.3 39.5





#5

Bromomethane

Concen: 52.985 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 94 Resp: 95972

Ion Ratio Lower Upper

94 100

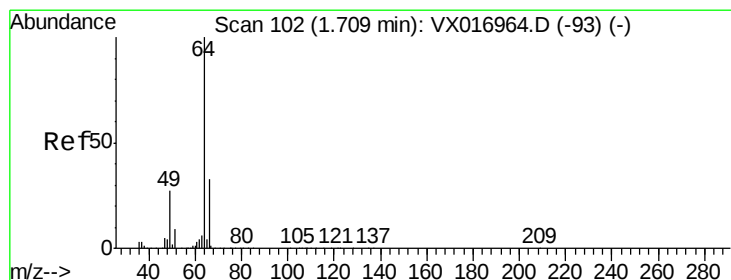
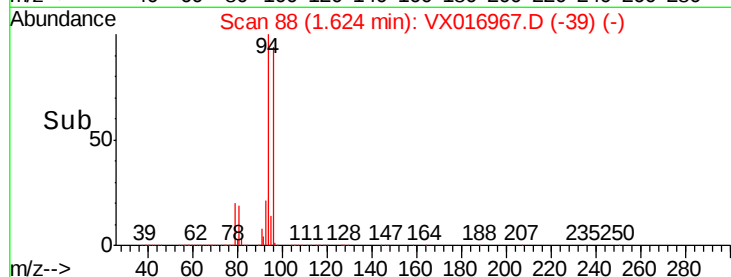
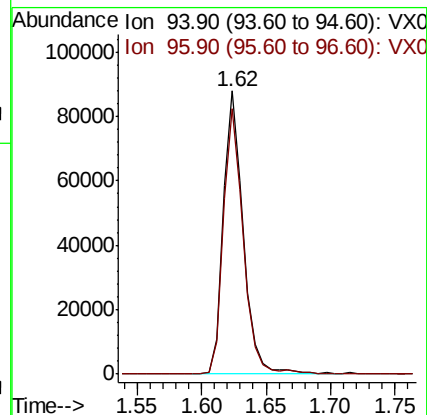
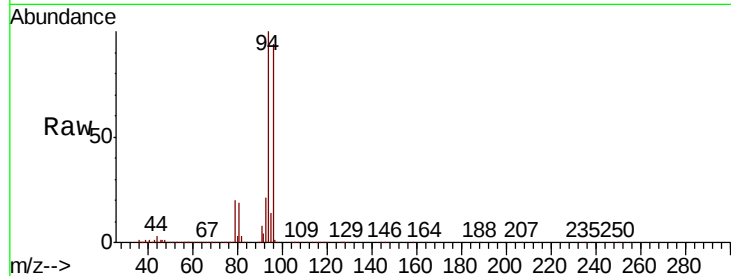
96 93.9 74.2 111.2

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:32 PM



#6

Chloroethane

Concen: 46.389 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016967.D

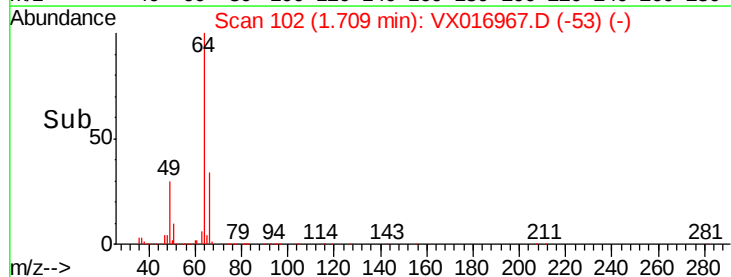
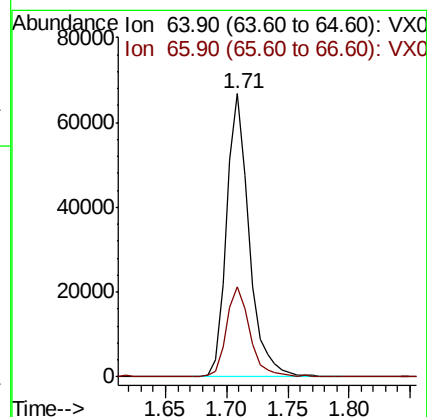
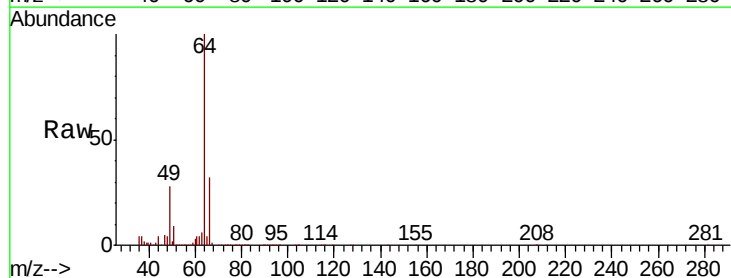
Acq: 25 Jun 2020 21:08

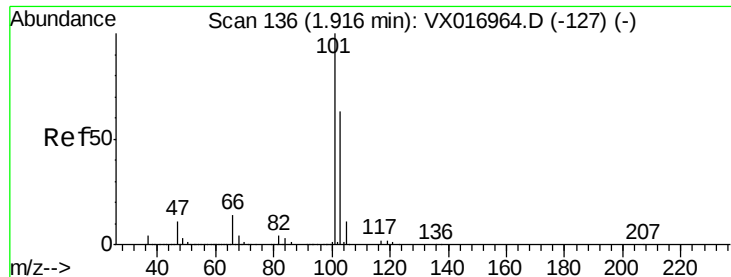
Tgt Ion: 64 Resp: 85877

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2





#7

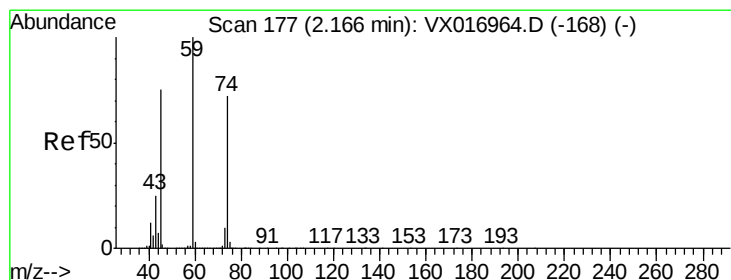
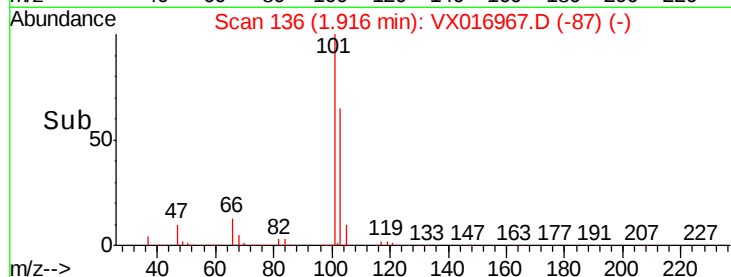
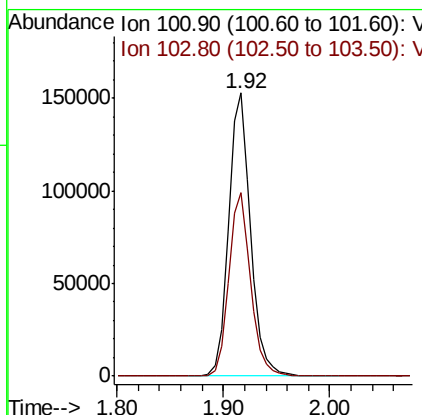
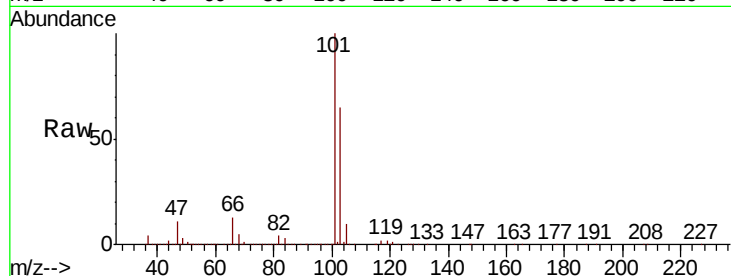
Trichlorofluoromethane
Concen: 49.403 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Resp	Lower	Upper
101	100	219820		
103	64.9	50.2	75.4	

Manual Integrations
APPROVED

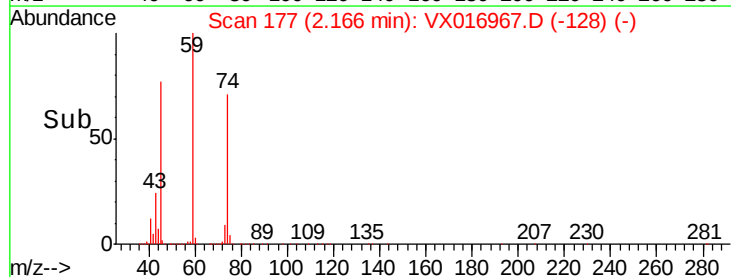
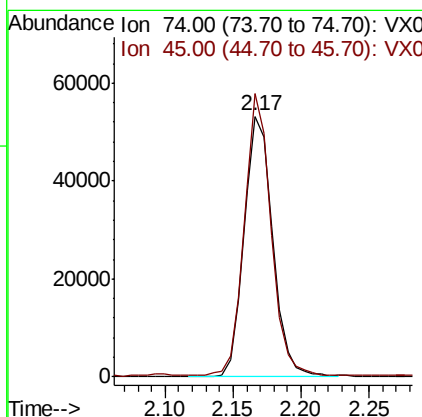
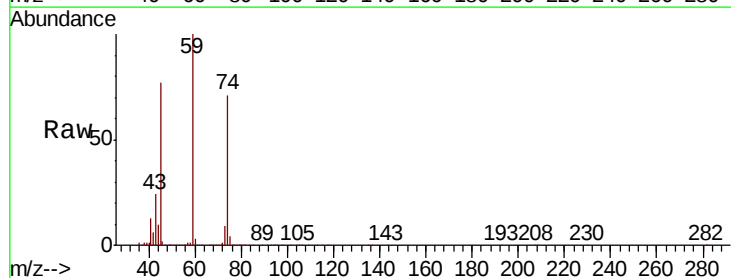
MMDadoda
6/29/2020 12:32:32 PM

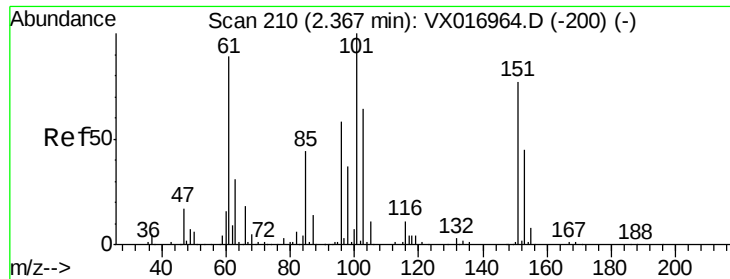


#8

Diethyl Ether
Concen: 45.657 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	78256		
45	100.7	50.5	151.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.011 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

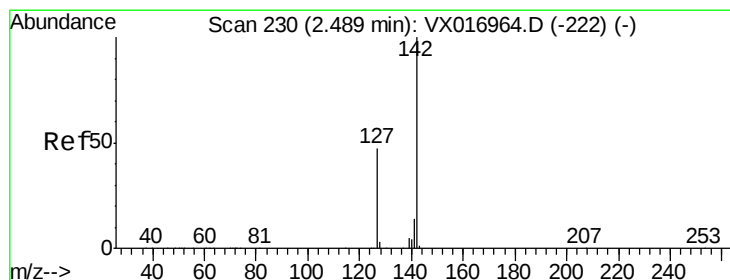
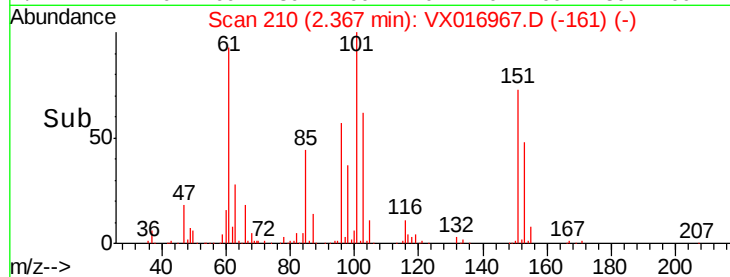
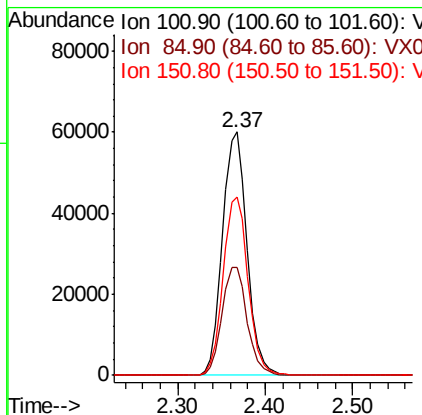
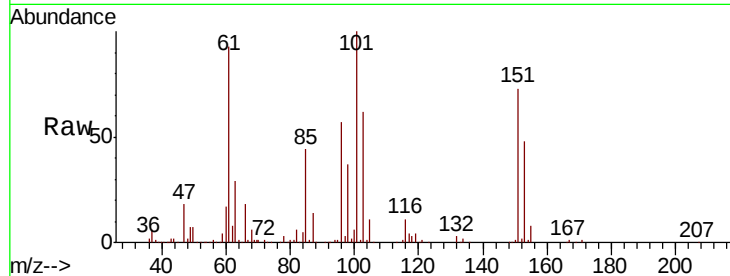
ClientSampleId :

ICVVX062620

Tot Ion:	101	Resp:	116728
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.8	55.2
151	74.5	59.8	89.6

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM



#10

Methyl Iodide

Concen: 46.999 ug/l

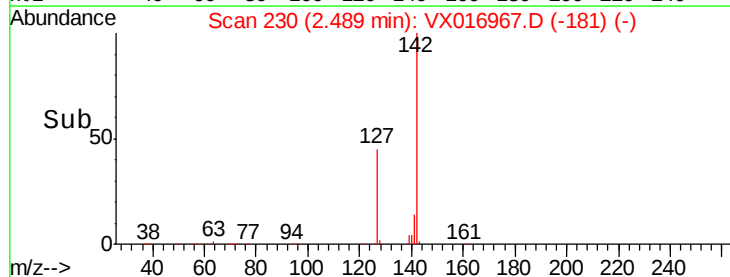
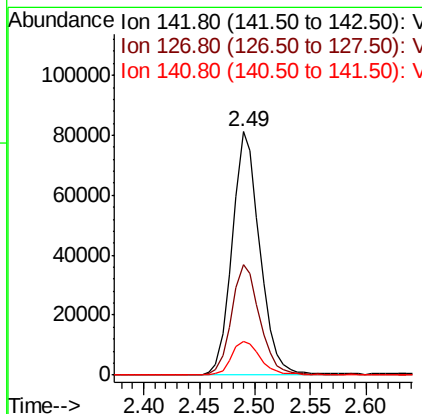
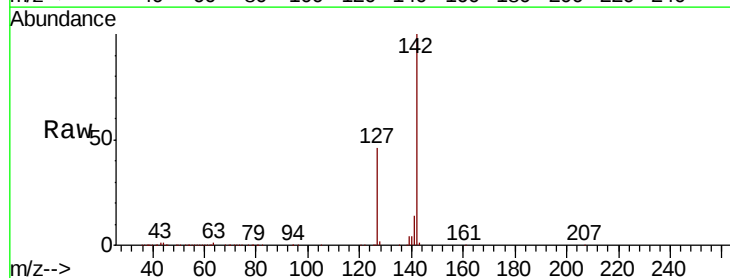
RT: 2.49 min Scan# 230

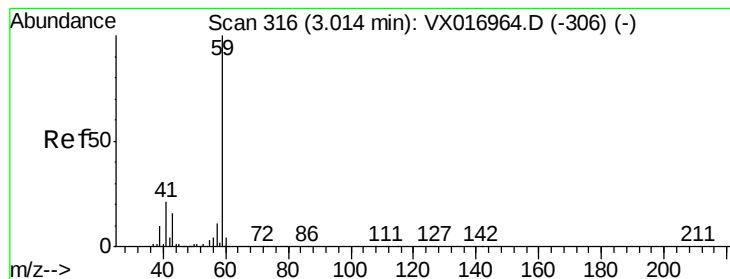
Delta R.T. 0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion:	142	Resp:	139844
Ion Ratio	Lower	Upper	
142	100		
127	46.1	37.4	56.0
141	14.6	11.7	17.5





#11

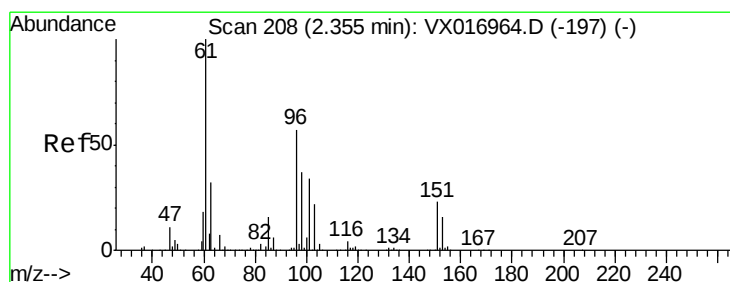
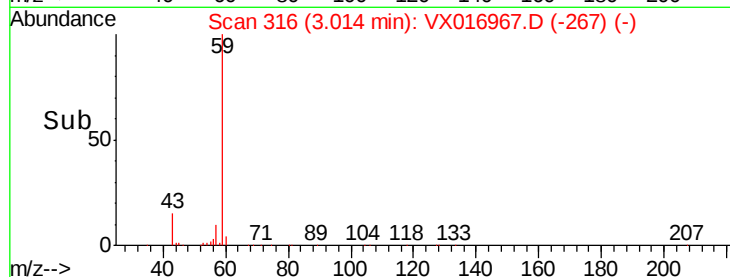
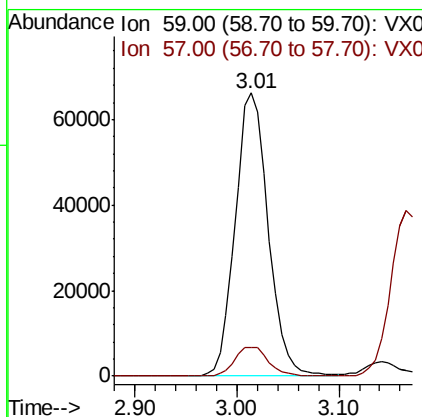
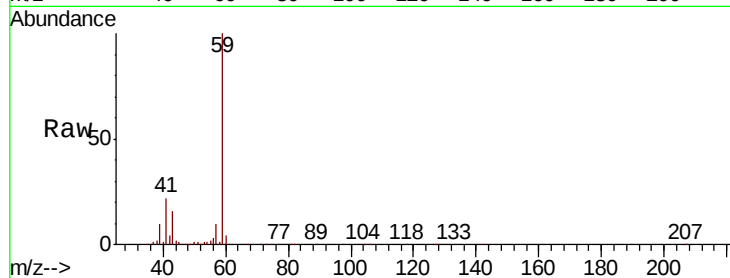
Tert butyl alcohol
Concen: 239.843 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	59	Resp	148639
Ion Ratio	100	Lower	Upper
57	10.6	8.5	12.7

Manual Integrations
APPROVED

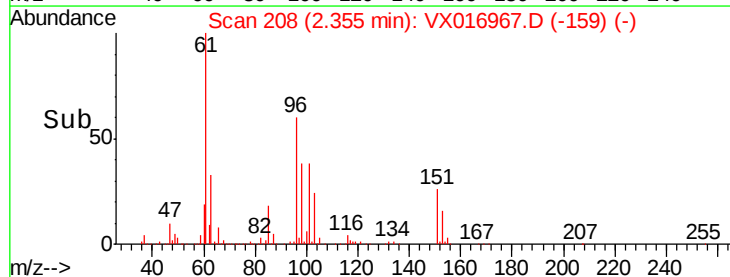
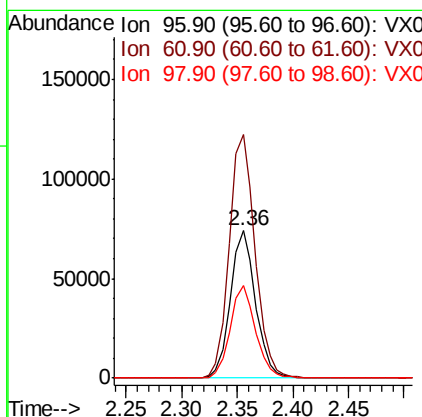
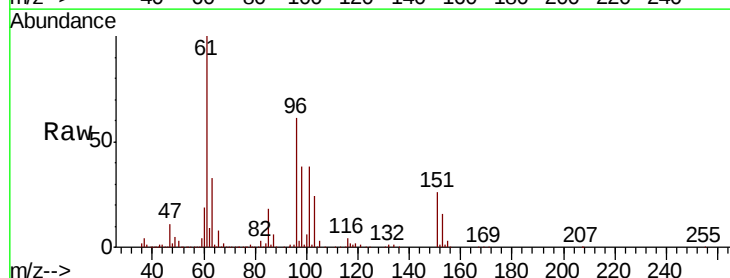
MMDadoda
6/29/2020 12:32:32 PM

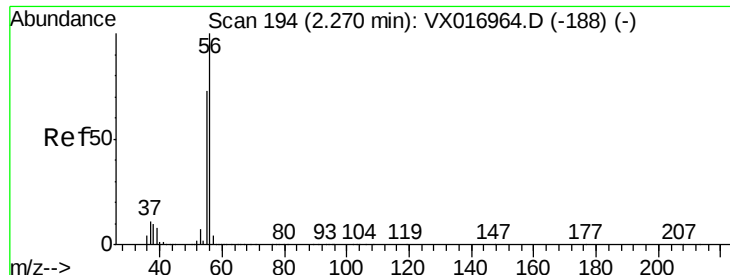


#12

1,1-Dichloroethene
Concen: 47.656 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	96	Resp	114827
Ion Ratio	100	Lower	Upper
61	165.2	139.7	209.5
98	62.9	51.0	76.6





#13

Acrolein

Concen: 276.034 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 56 Resp: 126793

Ion Ratio Lower Upper

56 100

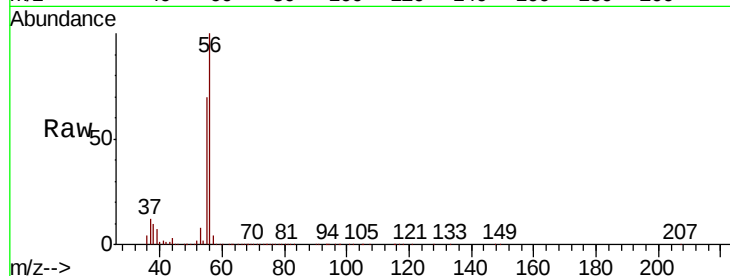
55 70.5 57.5 86.3

Manual Integrations

APPROVED

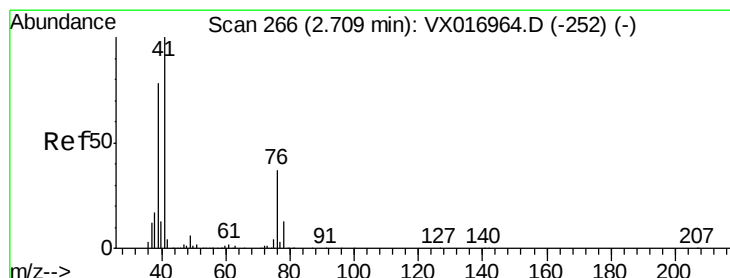
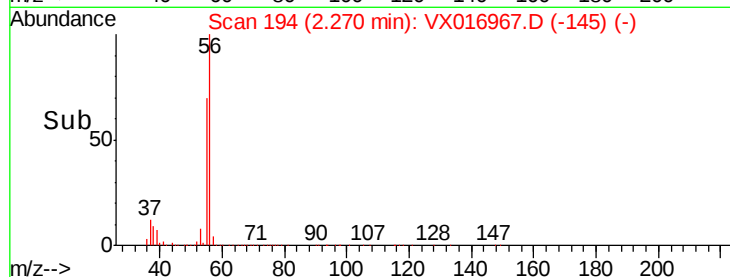
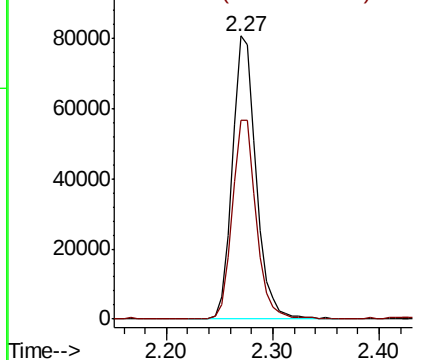
MMDadoda

6/29/2020 12:32:32 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.761 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

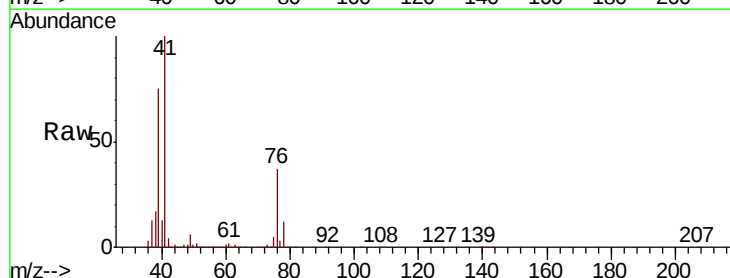
Tgt Ion: 41 Resp: 214273

Ion Ratio Lower Upper

41 100

39 69.6 56.4 84.6

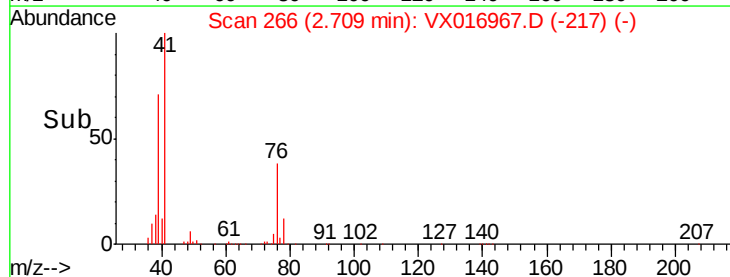
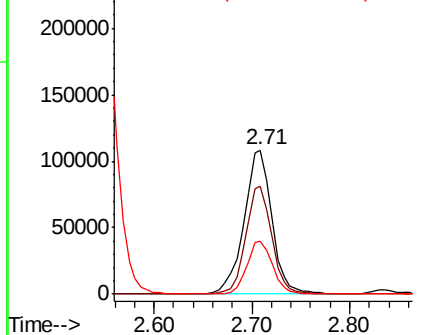
76 33.8 26.5 39.7

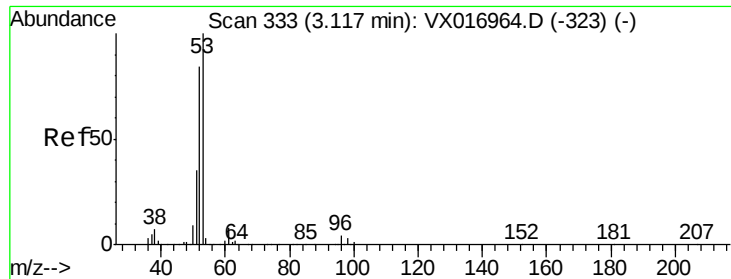


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 239.707 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

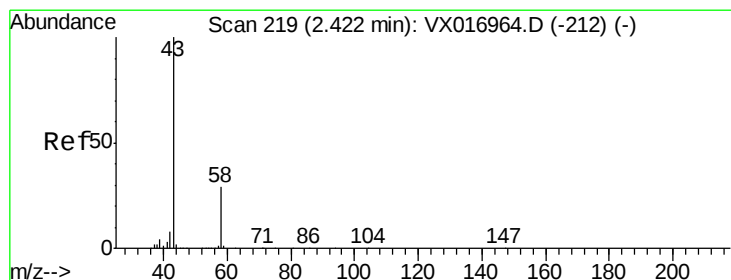
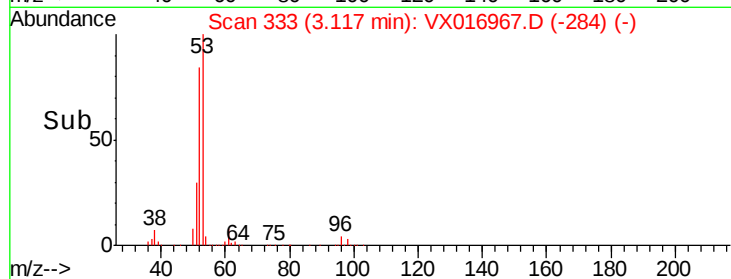
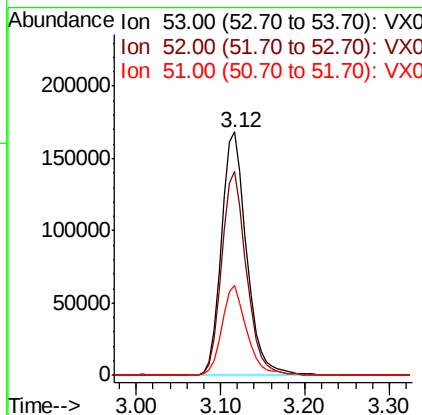
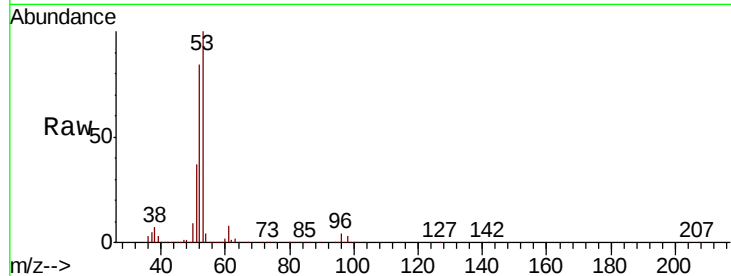
ClientSampleId :

ICVVX062620

Tot Ion:	53	Resp:	344915
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.3	99.5
51	36.6	29.0	43.6

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM



#16

Acetone

Concen: 230.904 ug/l

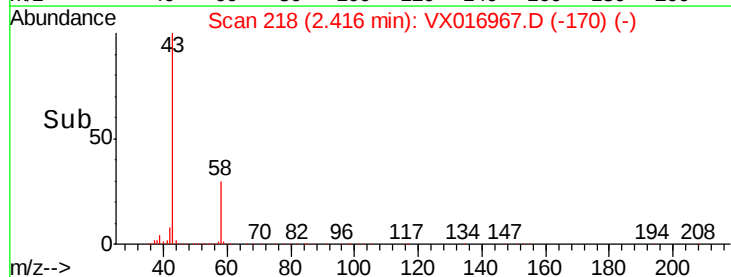
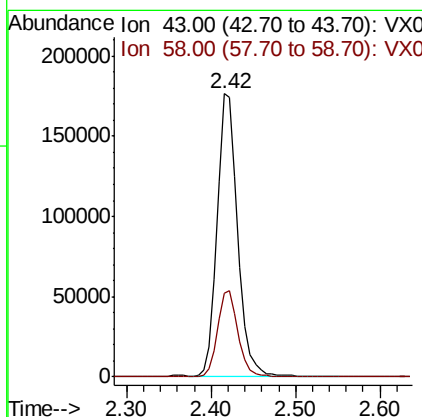
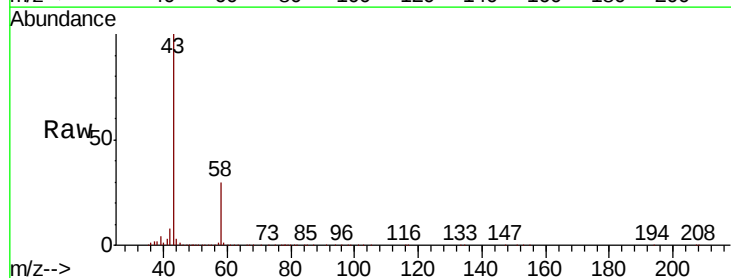
RT: 2.42 min Scan# 218

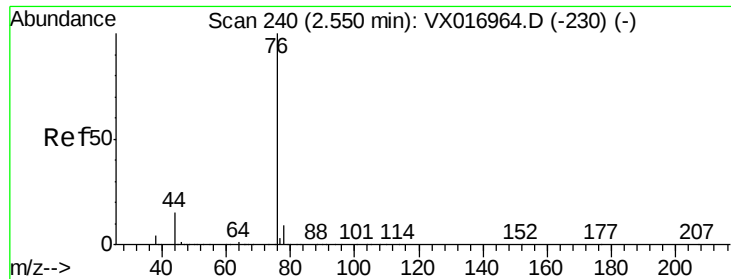
Delta R.T. -0.01 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion:	43	Resp:	296292
Ion Ratio	Lower	Upper	
43	100		
58	29.5	23.5	35.3





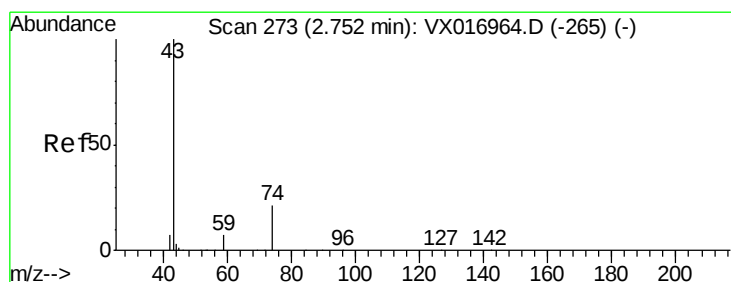
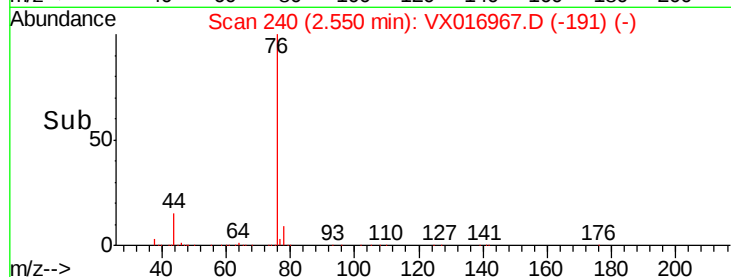
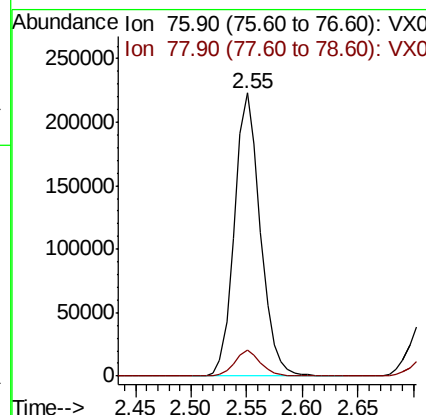
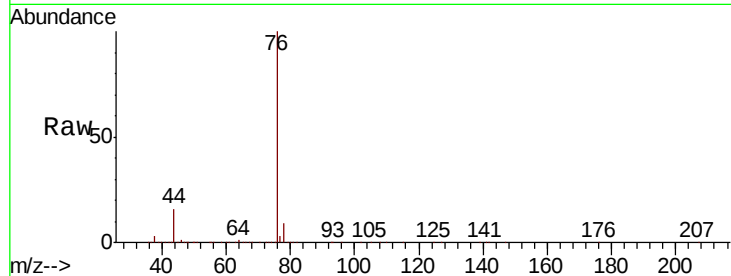
#17
Carbon Disulfide
Concen: 47.032 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

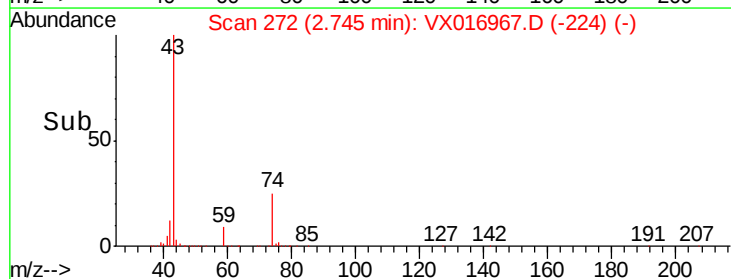
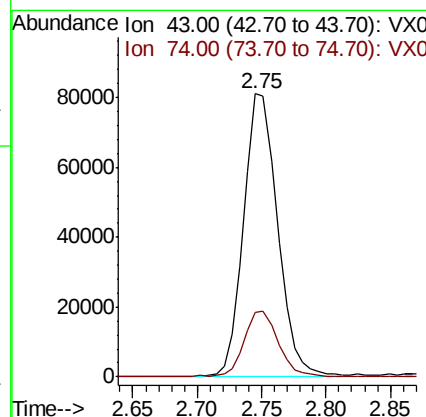
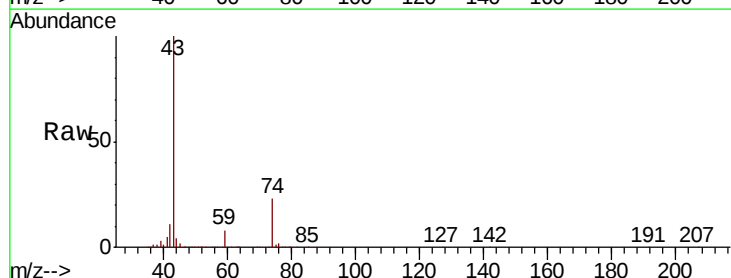
Manual Integrations
APPROVED

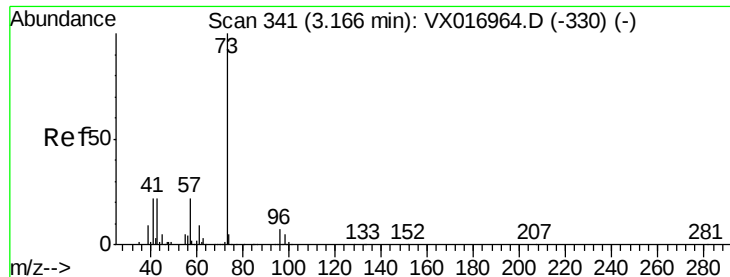
MMDadoda
6/29/2020 12:32:32 PM



#18
Methyl Acetate
Concen: 47.211 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.3	27.5





#19

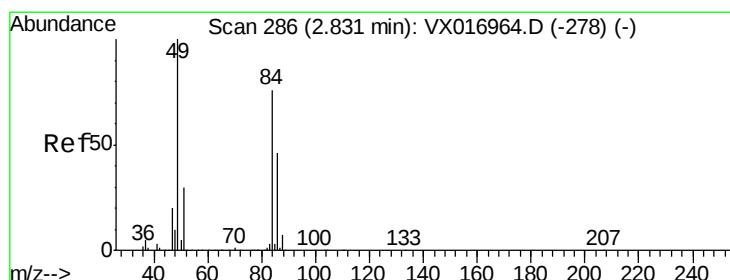
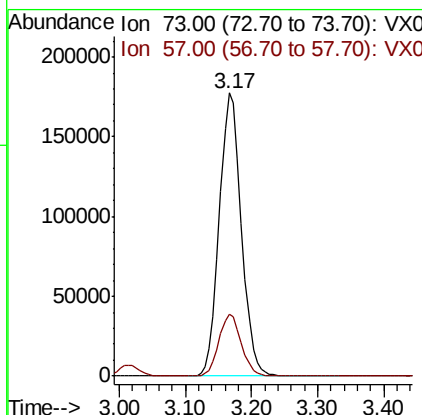
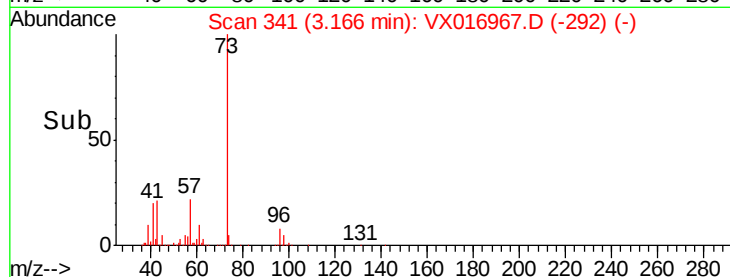
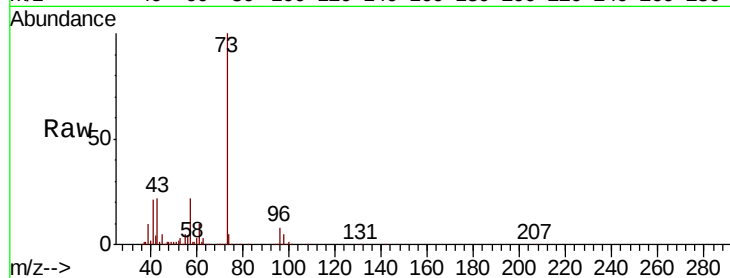
Methyl tert-butyl Ether
 Concen: 48.496 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062620

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.8

Manual Integrations
 APPROVED

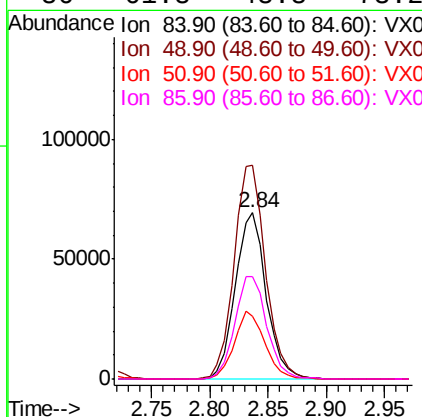
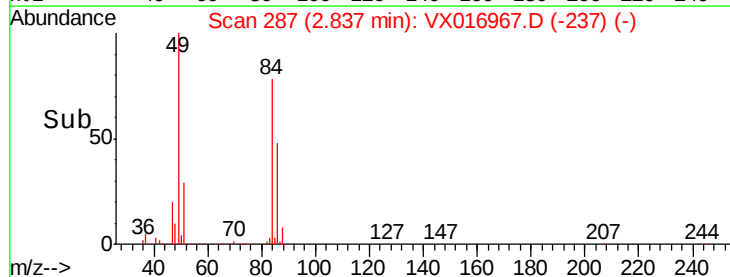
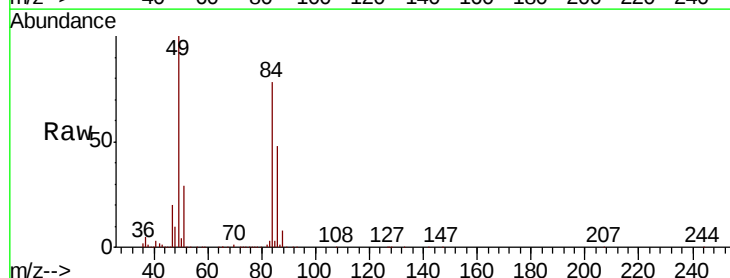
MMDadoda
 6/29/2020 12:32:32 PM

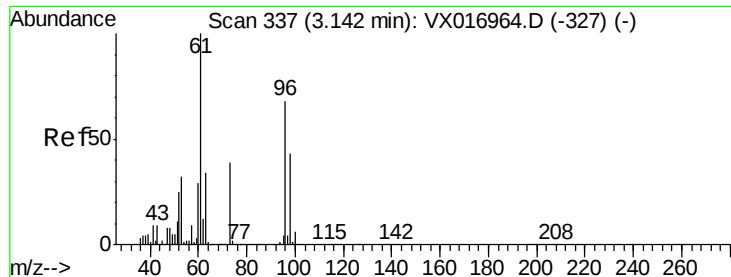


#20

Methylene Chloride
 Concen: 44.022 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.6	105.6	158.4
51	37.7	31.2	46.8
86	61.8	48.8	73.2





#21

trans-1,2-Dichloroethene

Concen: 47.062 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

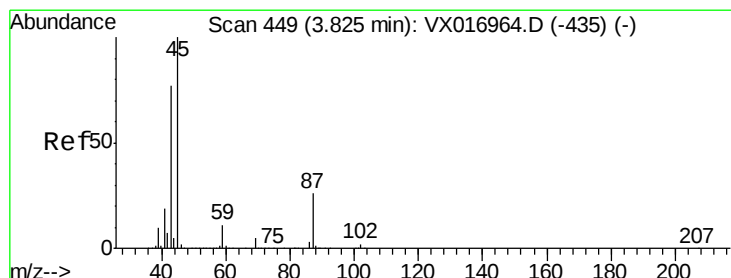
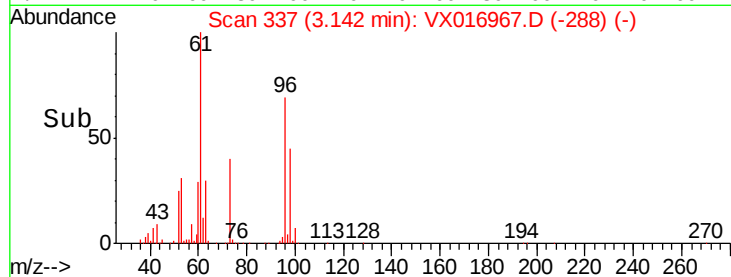
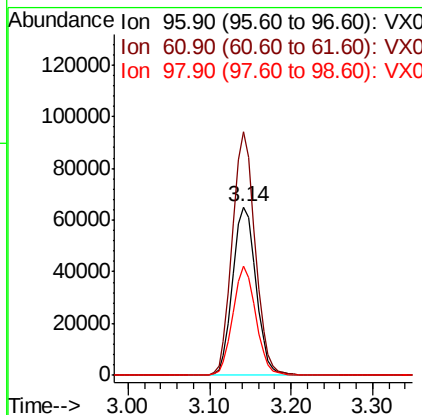
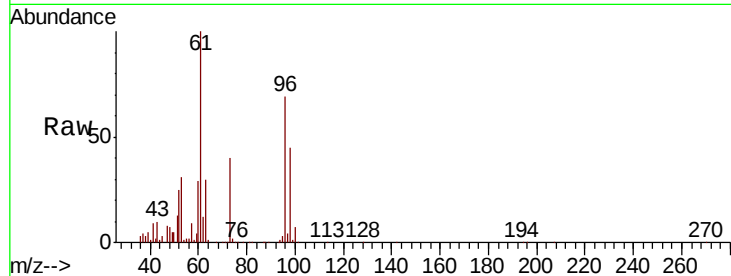
ClientSampleId :

ICVVX062620

Tot Ion:	96	Resp:	128118
Ion	Ratio	Lower	Upper
96	100		
61	144.6	116.7	175.1
98	65.0	50.7	76.1

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM



#22

Diisopropyl ether

Concen: 48.655 ug/l

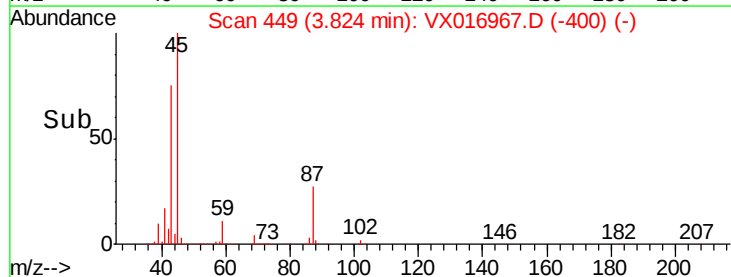
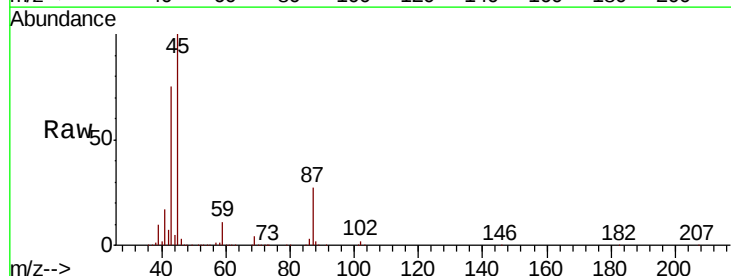
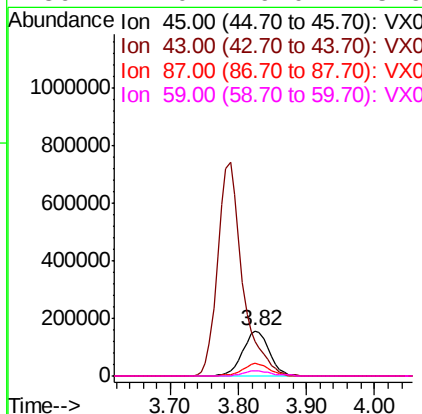
RT: 3.82 min Scan# 449

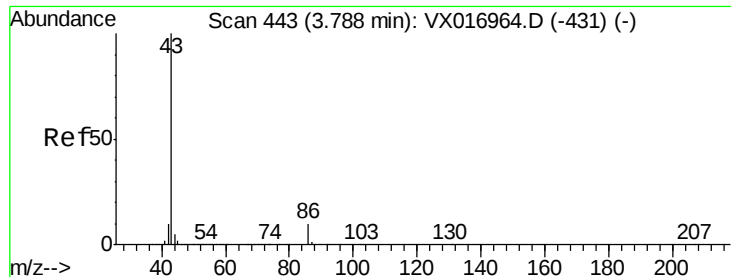
Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion:	45	Resp:	427940
Ion	Ratio	Lower	Upper
45	100		
43	75.1	62.7	94.1
87	27.2	21.0	31.4
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 243.985 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 43 Resp: 1878062

Ion Ratio Lower Upper

43 100

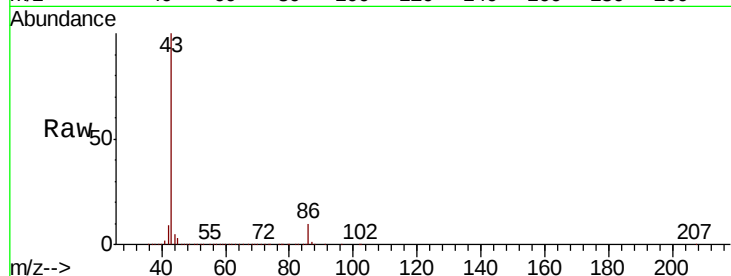
86 10.2 8.2 12.2

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

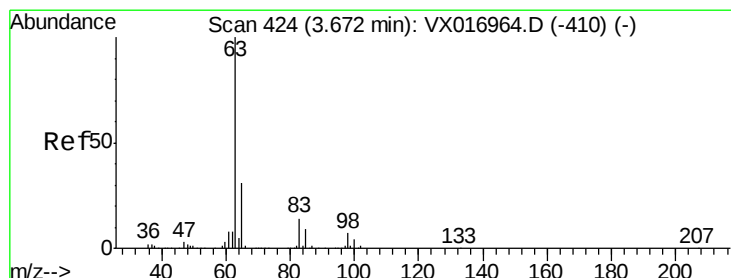
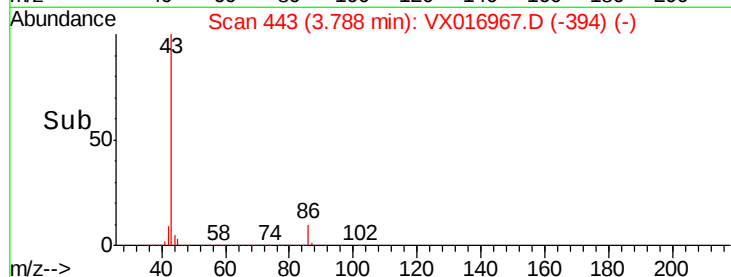
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.045 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

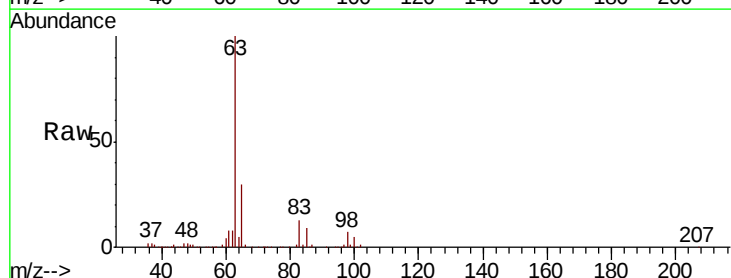
Tgt Ion: 63 Resp: 232103

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.8 2.1 6.3



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

120000

100000

80000

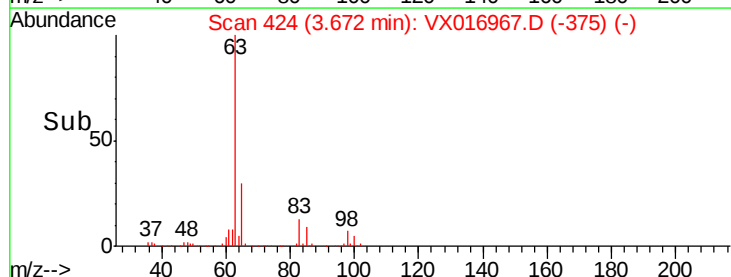
60000

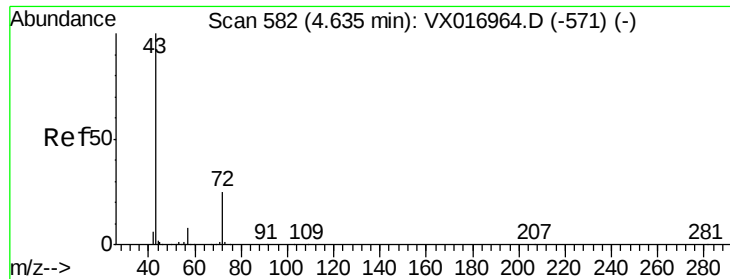
40000

20000

0

Time-->





#25

2-Butanone

Concen: 242.582 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 43 Resp: 474413

Ion Ratio Lower Upper

43 100

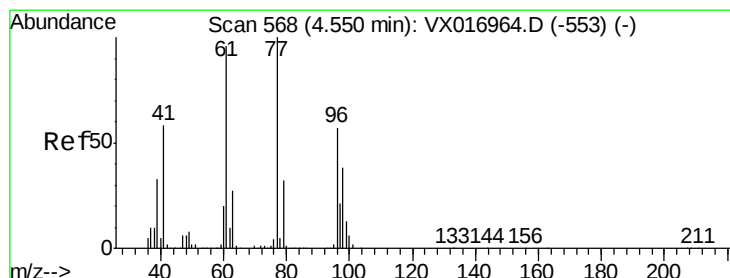
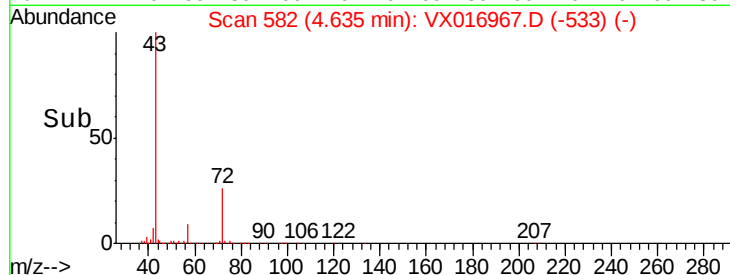
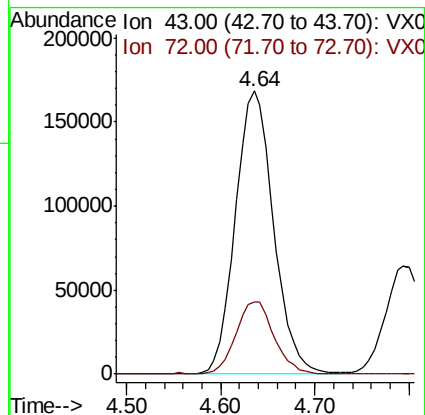
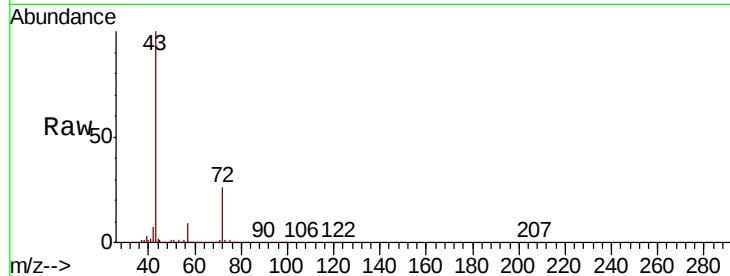
72 25.5 20.0 30.0

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:32 PM



#26

2,2-Dichloropropane

Concen: 45.543 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016967.D

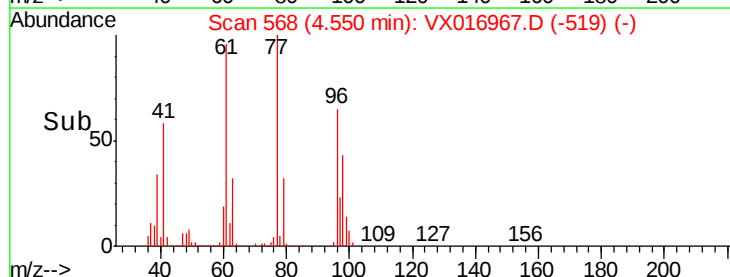
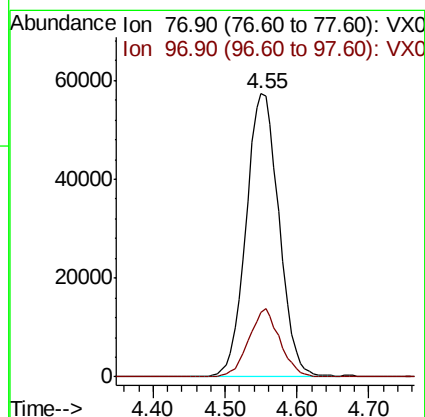
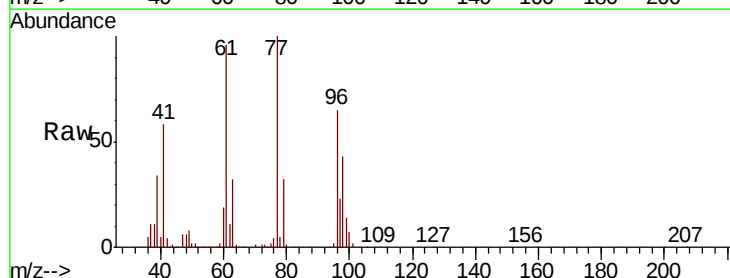
Acq: 25 Jun 2020 21:08

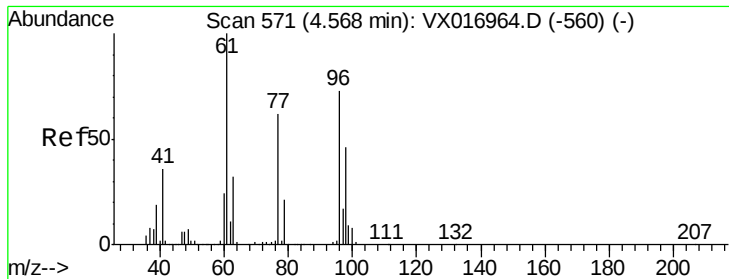
Tgt Ion: 77 Resp: 181760

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5





#27

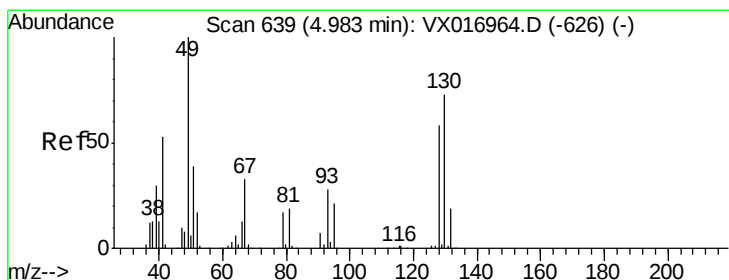
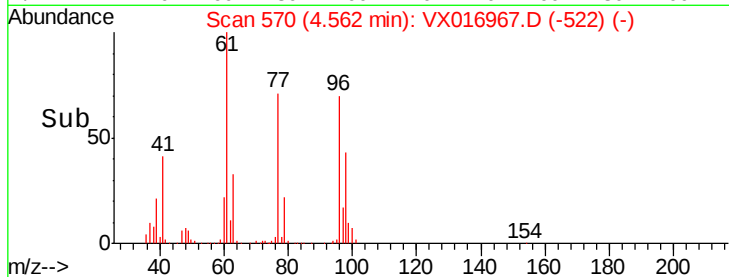
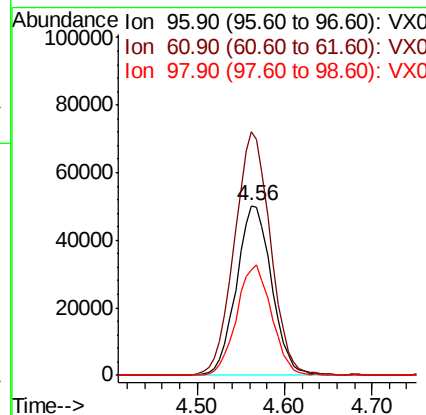
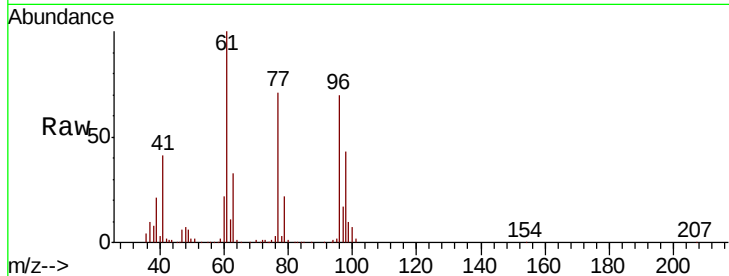
cis-1,2-Dichloroethene
 Concen: 46.846 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062620

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.2	0.0	307.2	
98	64.6	0.0	128.4	

Manual Integrations
 APPROVED

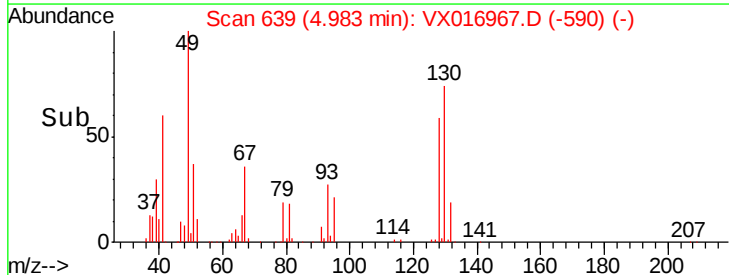
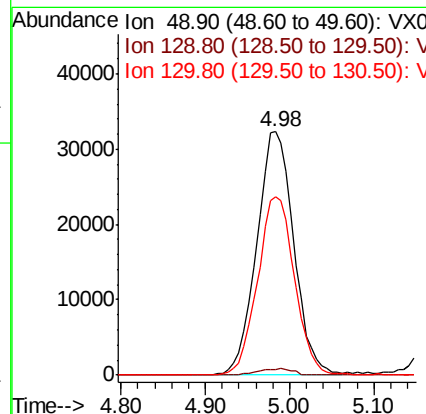
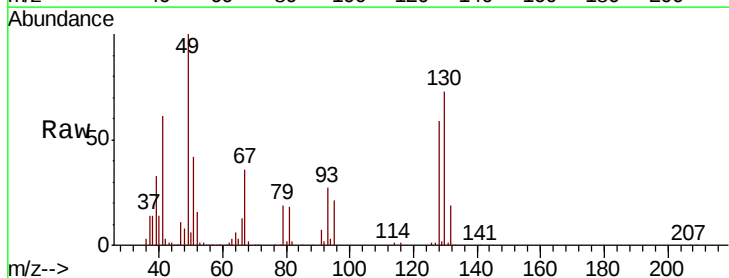
MMDadoda
 6/29/2020 12:32:32 PM

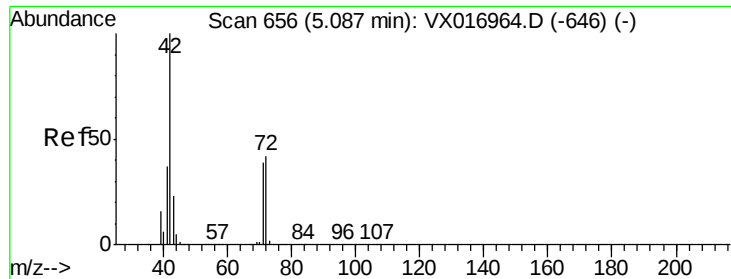


#28

Bromochloromethane
 Concen: 42.241 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.4	
130	73.4	58.7	88.1	





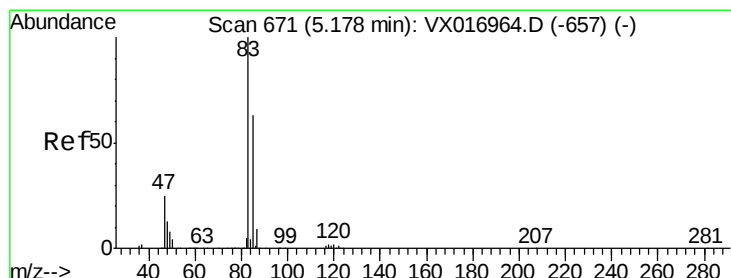
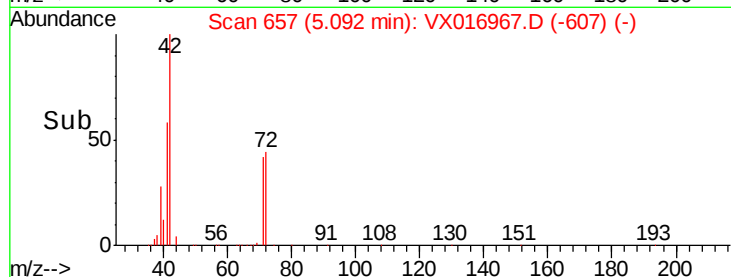
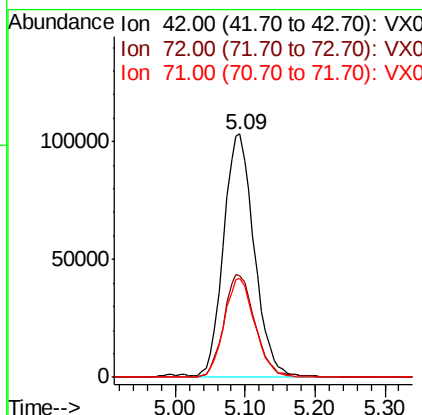
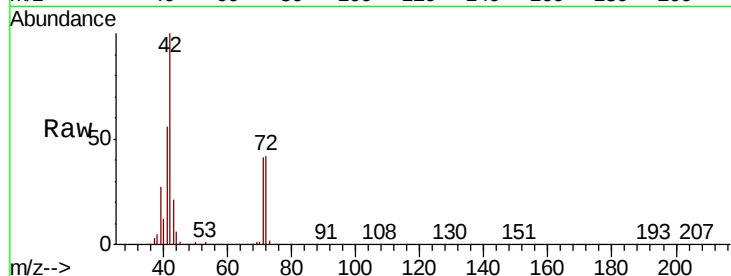
#29
Tetrahydrofuran
Concen: 243.318 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	43.7		34.1	51.1
71	41.1		32.1	48.1

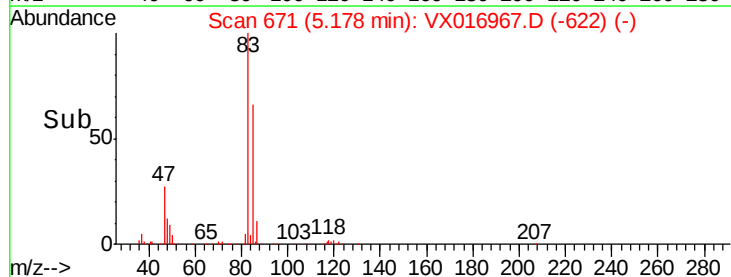
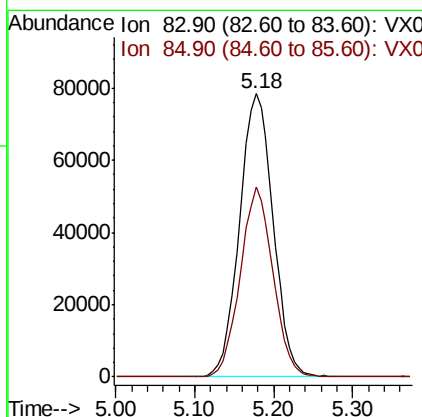
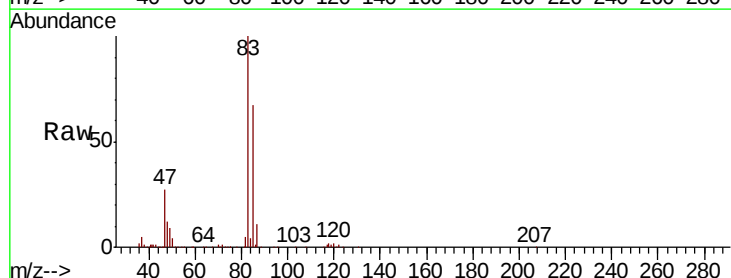
Manual Integrations
APPROVED

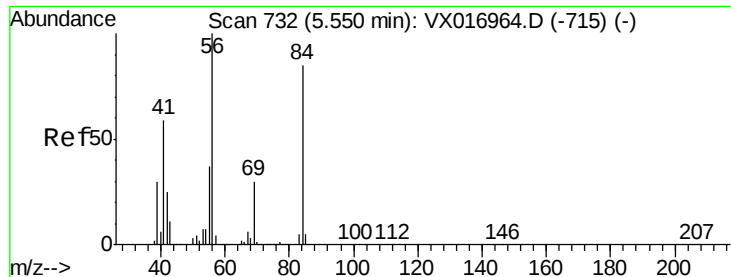
MMDadoda
6/29/2020 12:32:32 PM



#30
Chloroform
Concen: 46.967 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	67.0		50.7	76.1





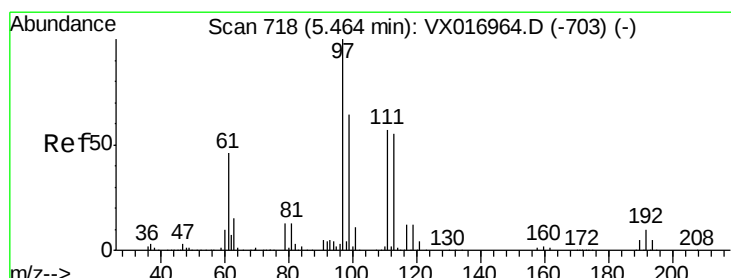
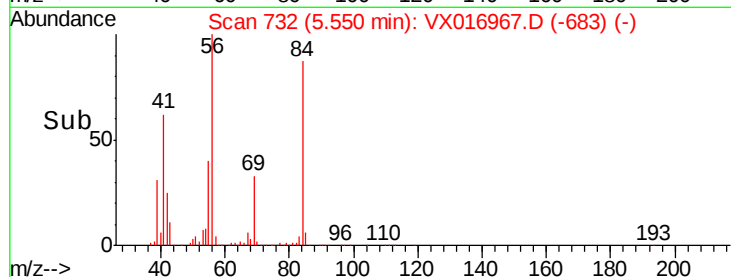
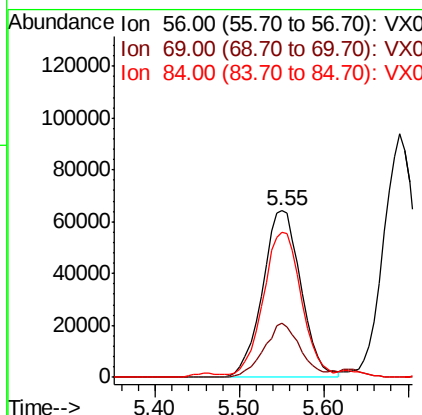
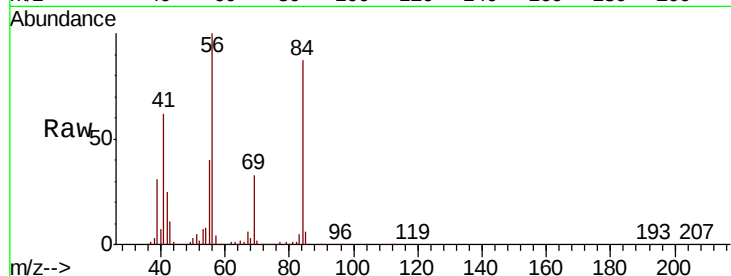
#31
Cvclohexane
Concen: 49.311 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	23.6	35.4
84	85.8	67.8	101.8

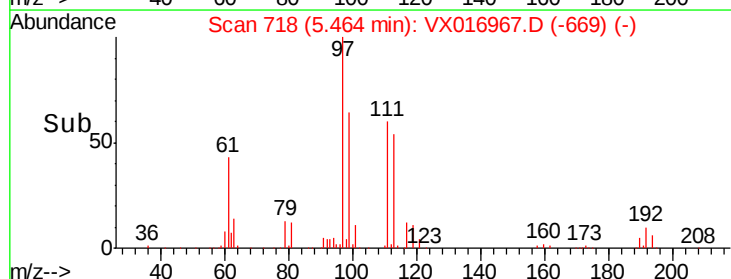
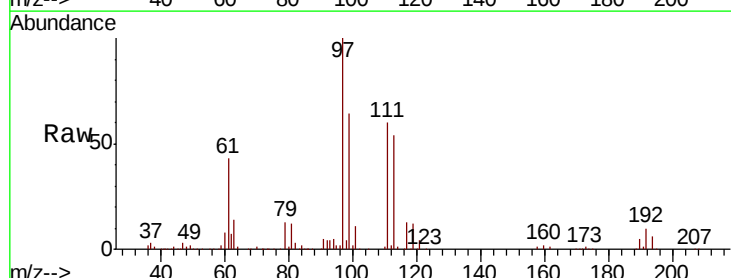
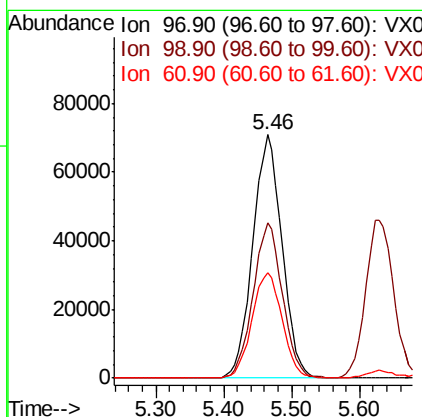
Manual Integrations
APPROVED

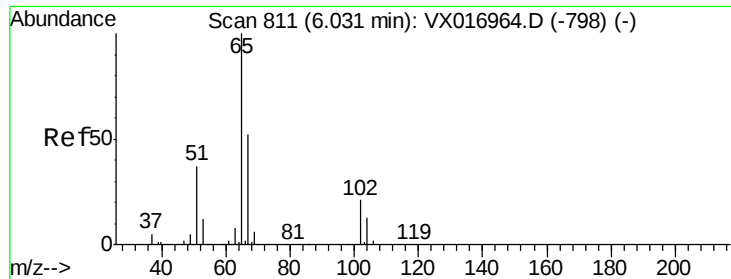
MMDadoda
6/29/2020 12:32:32 PM



#32
1,1,1-Trichloroethane
Concen: 47.968 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	45.0	37.0	55.4





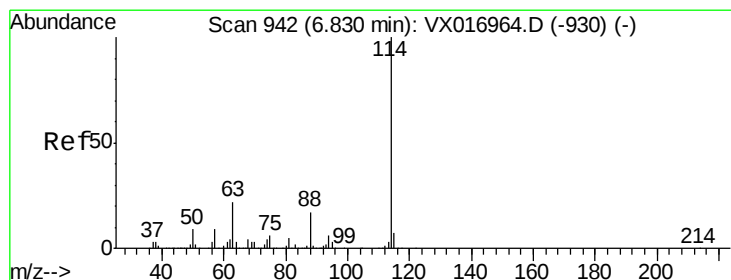
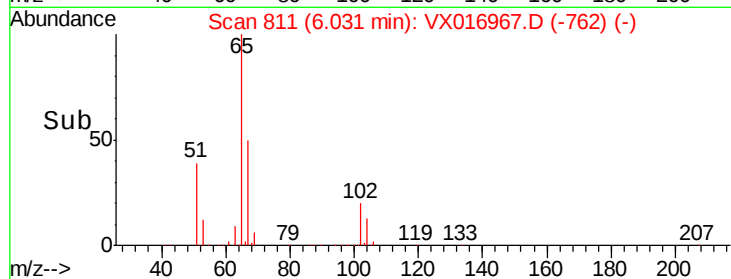
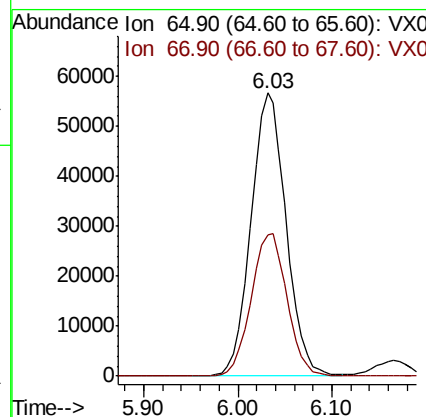
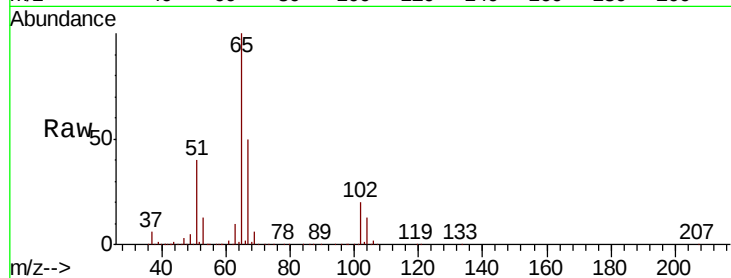
#33
 1,2-Dichloroethane-d4
 Concen: 45.146 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062620

Tot Ion	Ratio	Resp	Lower	Upper
65	100	148198		
67	51.4	0.0	102.8	

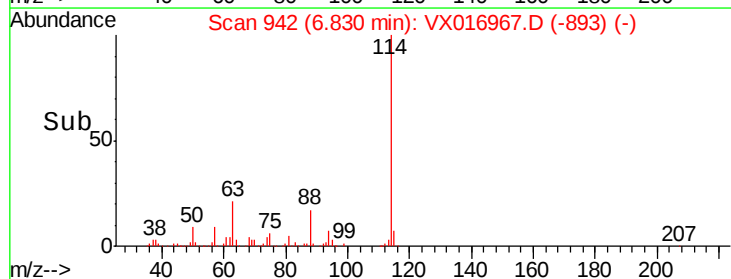
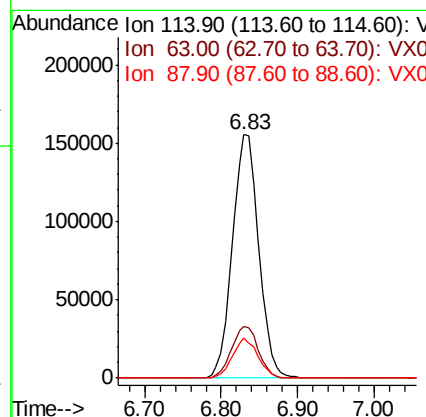
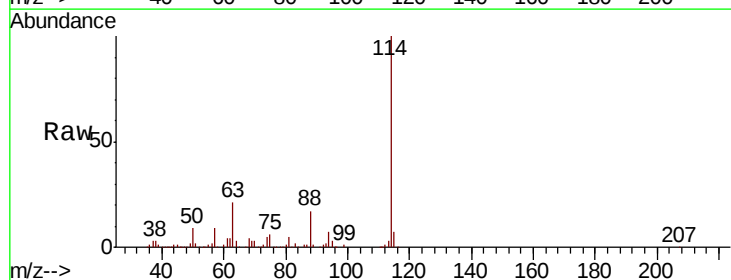
Manual Integrations
 APPROVED

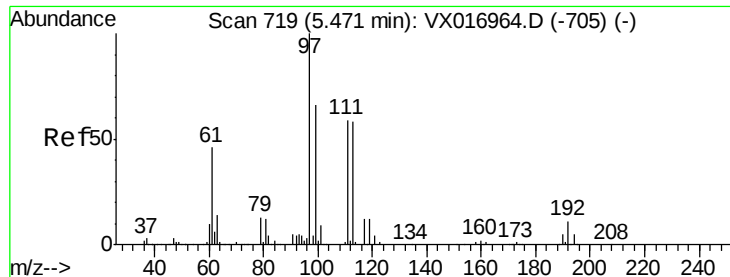
MMDadoda
 6/29/2020 12:32:32 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	369315		
63	21.3	0.0	44.4	
88	16.6	0.0	33.2	





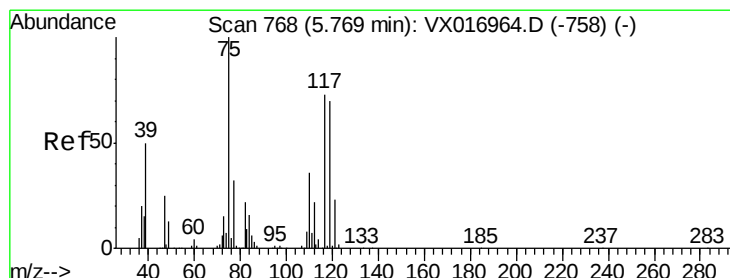
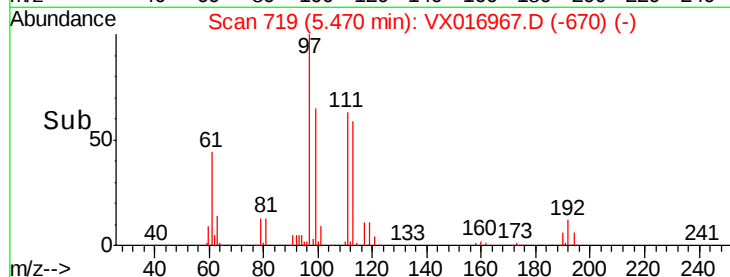
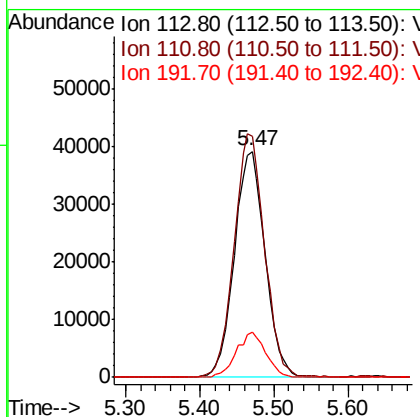
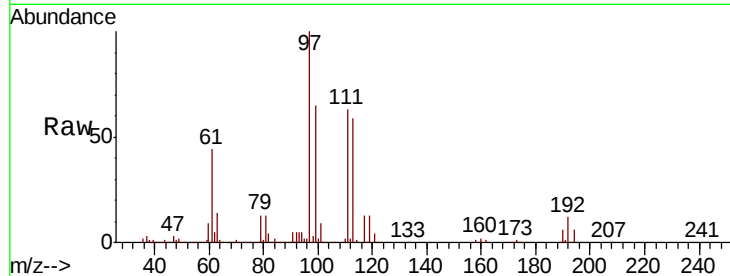
#35
 Dibromofluoromethane
 Concen: 46.503 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062620

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113432		
111	106.5	84.3	126.5	
192	19.3	15.2	22.8	

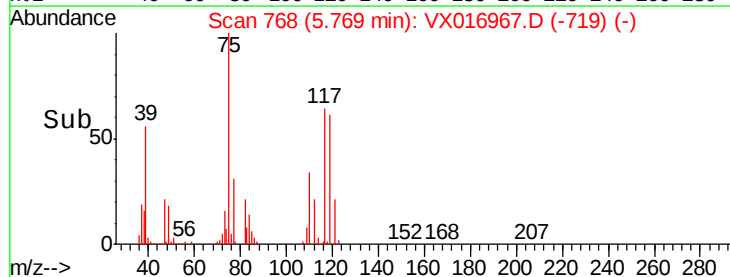
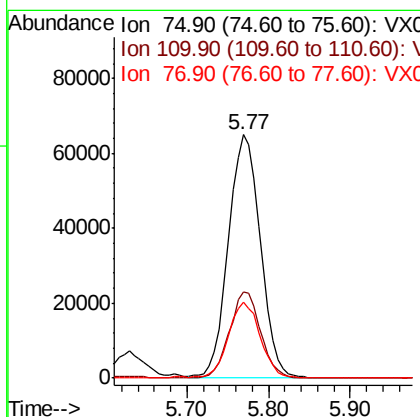
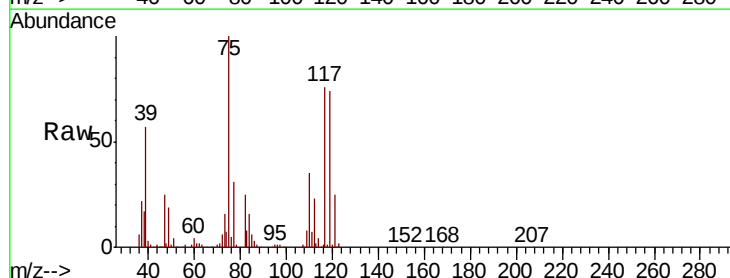
Manual Integrations
 APPROVED

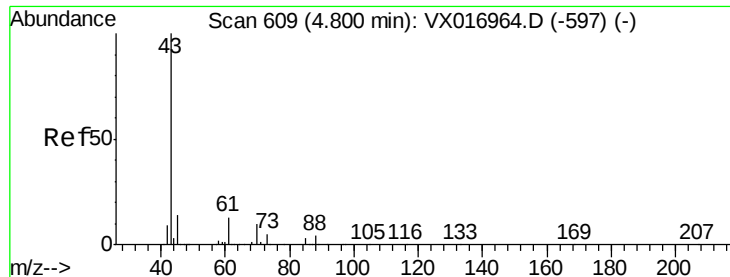
MMDadoda
 6/29/2020 12:32:32 PM



#36
 1,1-Dichloropropene
 Concen: 47.946 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	175330		
110	34.7	17.2	51.6	
77	31.3	24.7	37.1	





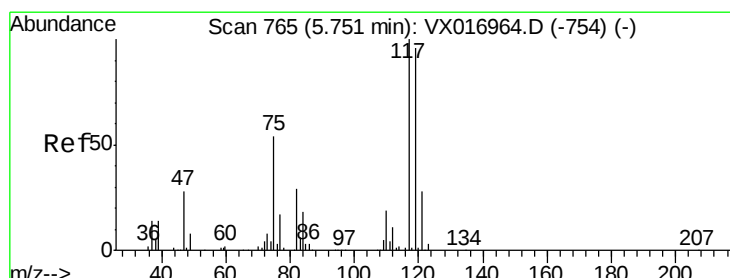
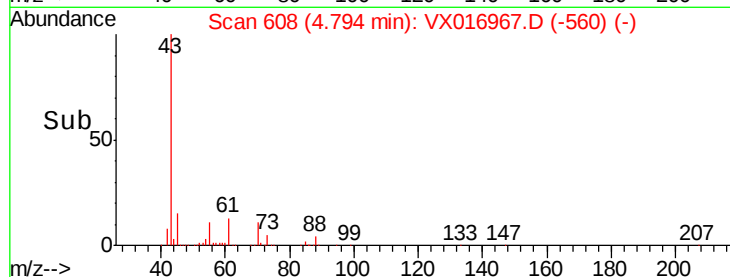
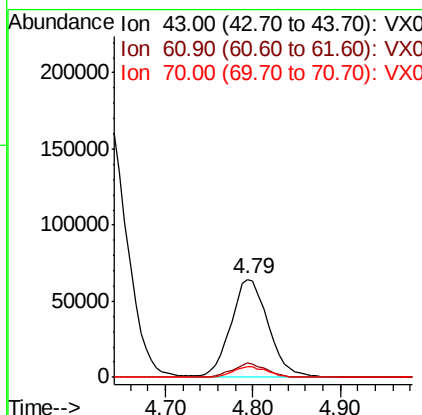
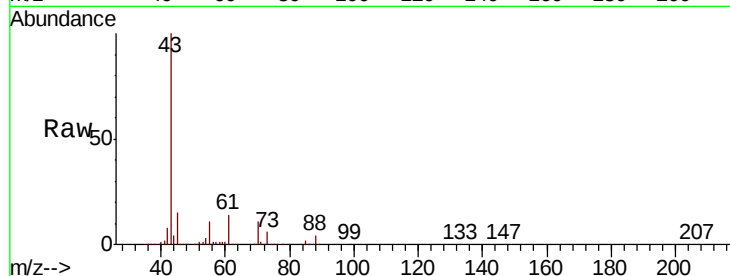
#37
Ethyl Acetate
Concen: 48.262 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.6	8.0	12.0

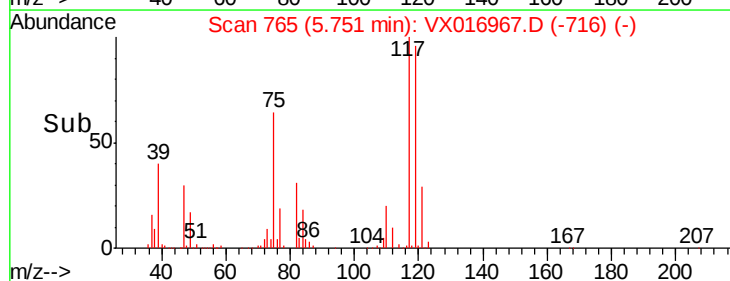
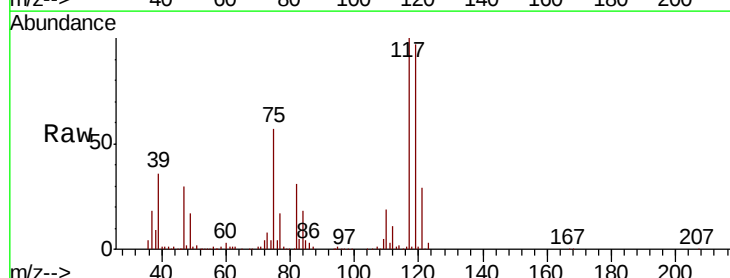
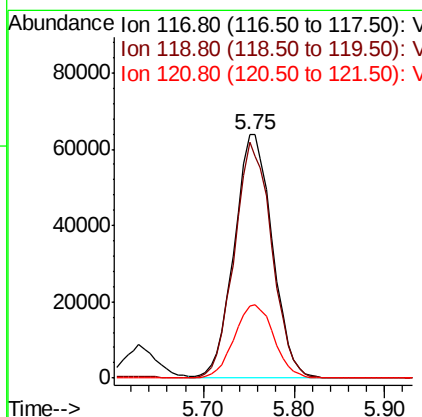
Manual Integrations
APPROVED

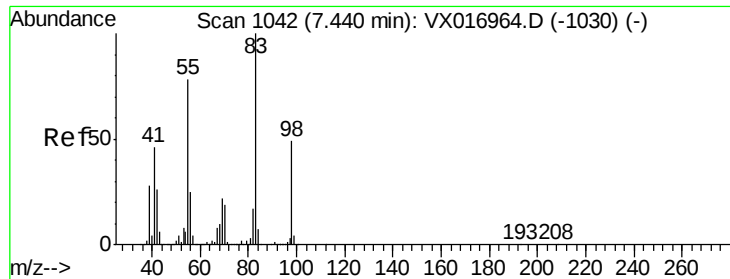
MMDadoda
6/29/2020 12:32:32 PM



#38
Carbon Tetrachloride
Concen: 48.050 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	114.8
121	29.5	22.5	33.7





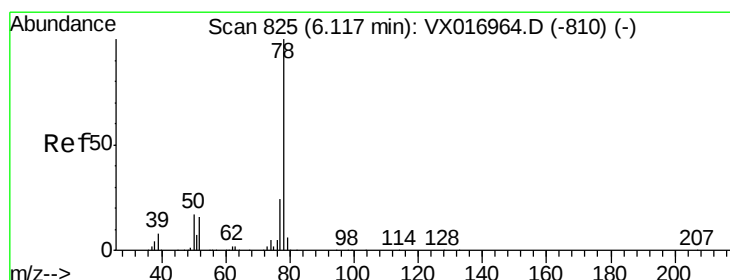
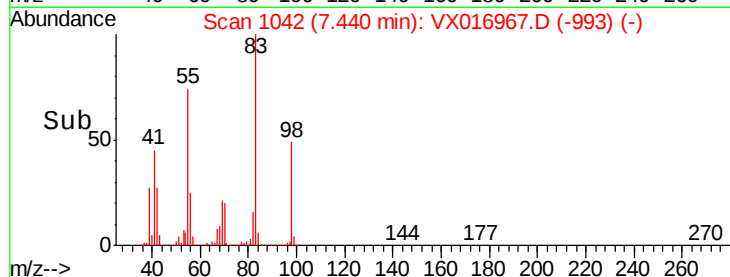
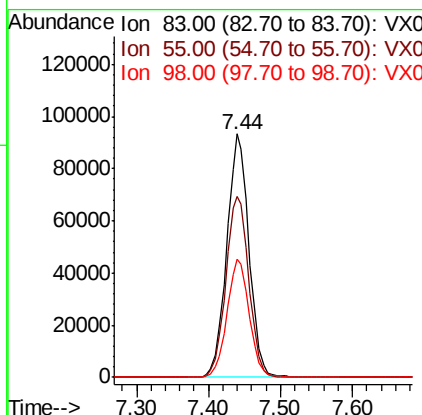
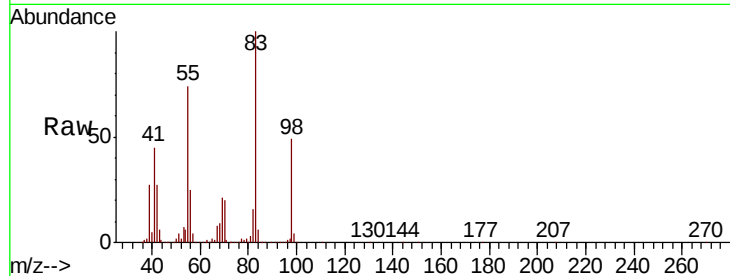
#39
Methvlcvclohexane
Concen: 50.425 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	62.4	93.6
98	48.7	39.4	59.0

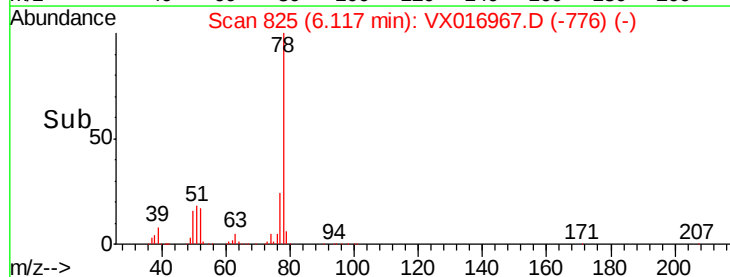
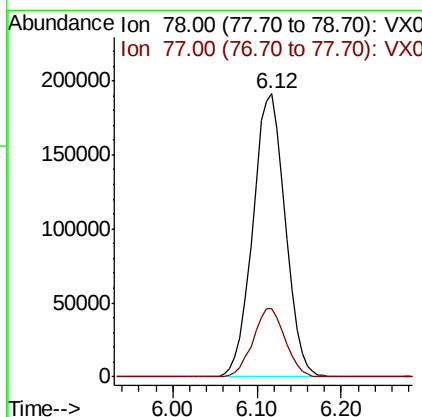
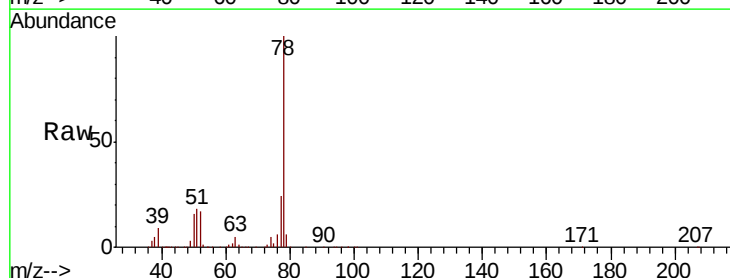
Manual Integrations
APPROVED

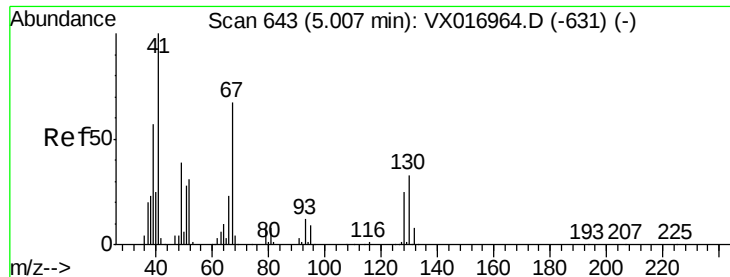
MMDadoda
6/29/2020 12:32:32 PM



#40
Benzene
Concen: 48.022 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





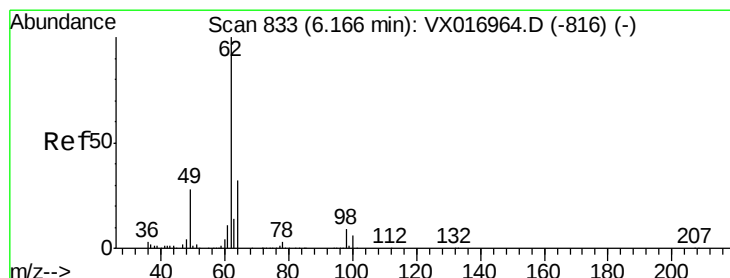
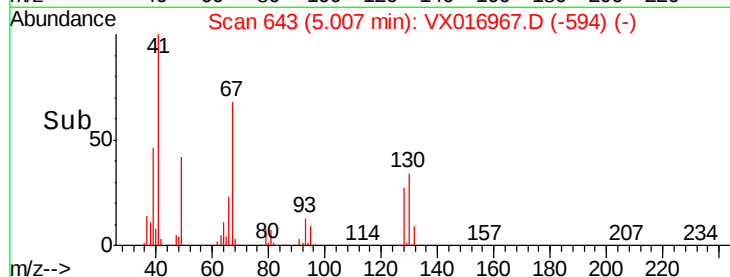
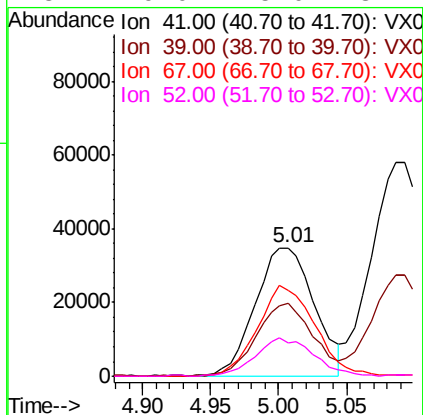
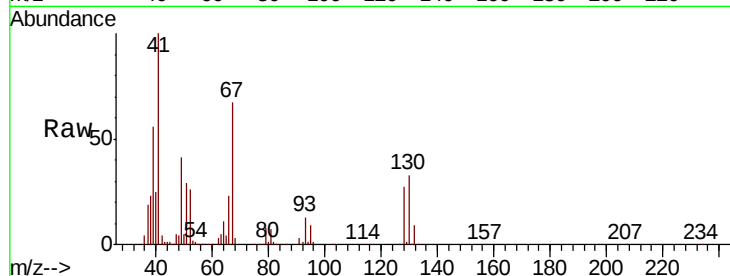
#41
Methacrylonitrile
Concen: 47.882 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	46.6	70.0	
67	70.0	57.0	85.6	
52	29.0	25.0	37.4	

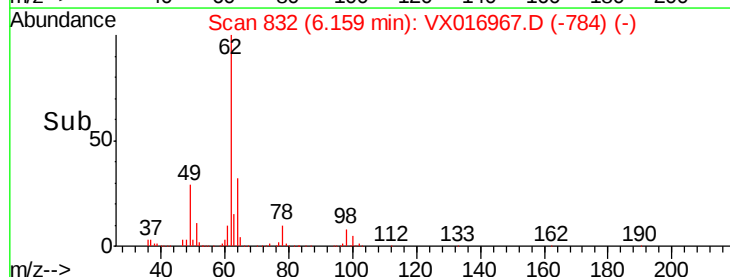
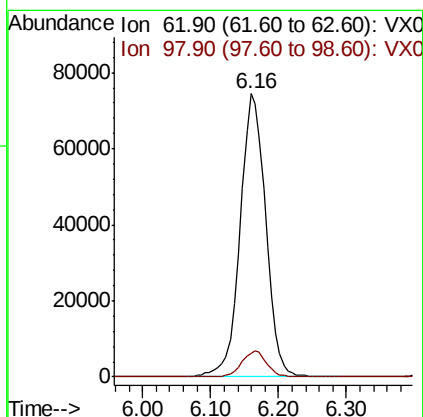
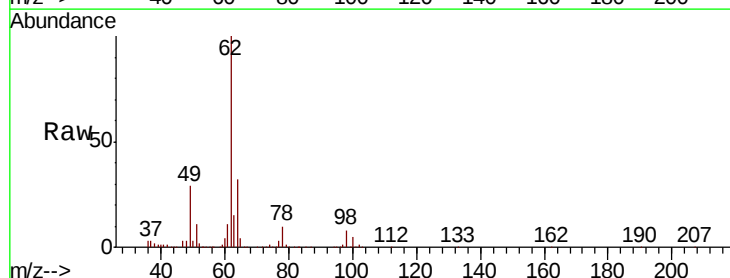
Manual Integrations
APPROVED

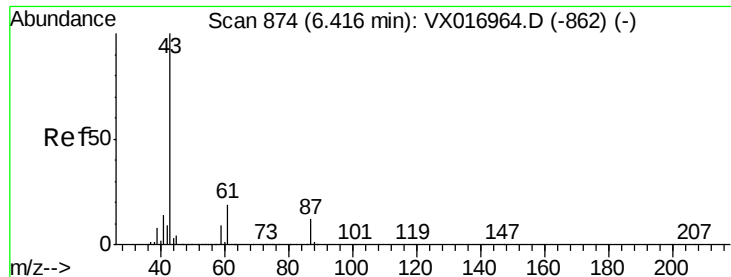
MMDadoda
6/29/2020 12:32:32 PM



#42
1,2-Dichloroethane
Concen: 46.681 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.2	





#43

Isopropyl Acetate

Concen: 48.123 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

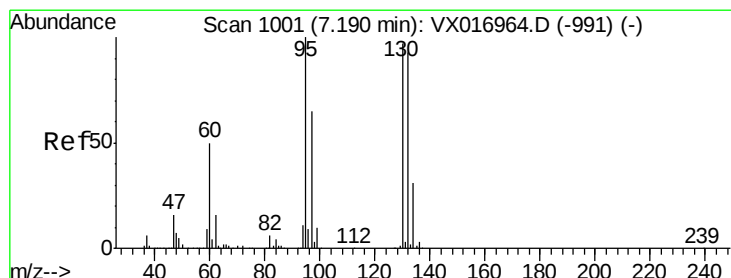
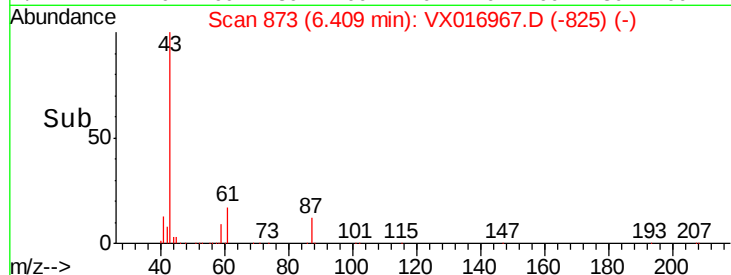
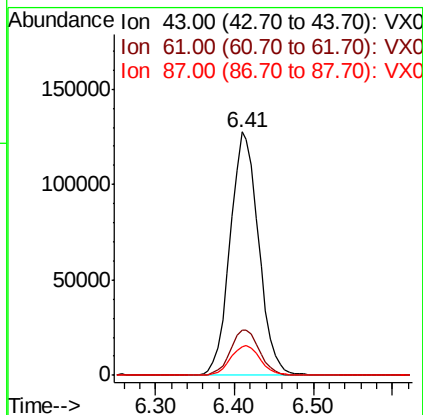
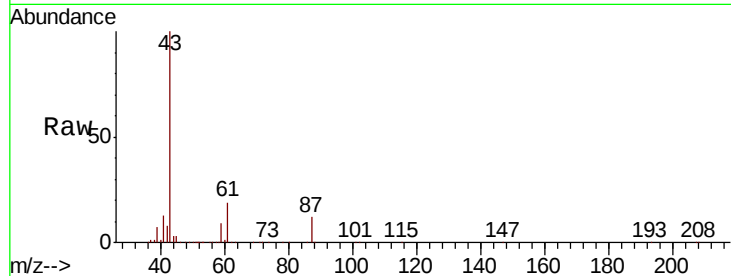
ClientSampleId :

ICVVX062620

Tot Ion:	43	Resp:	318161
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.0	22.6
87	12.8	10.0	15.0

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM



#44

Trichloroethene

Concen: 48.656 ug/l

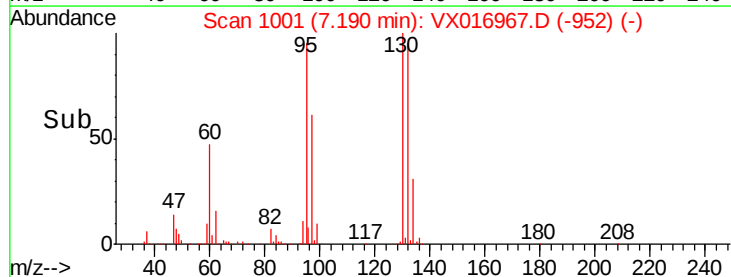
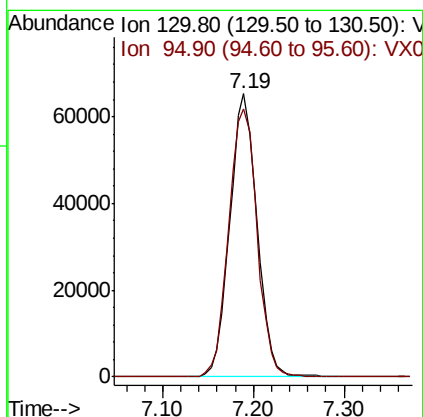
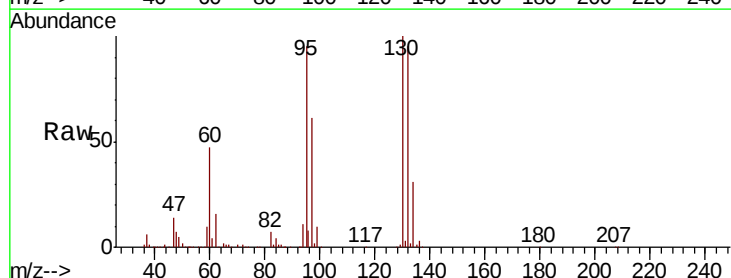
RT: 7.19 min Scan# 1001

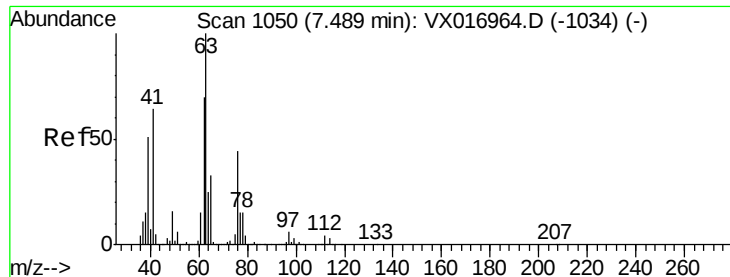
Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion:	130	Resp:	136400
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	206.6





#45

1,2-Dichloropropane

Concen: 47.000 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 63 Resp: 132323

Ion Ratio Lower Upper

63 100

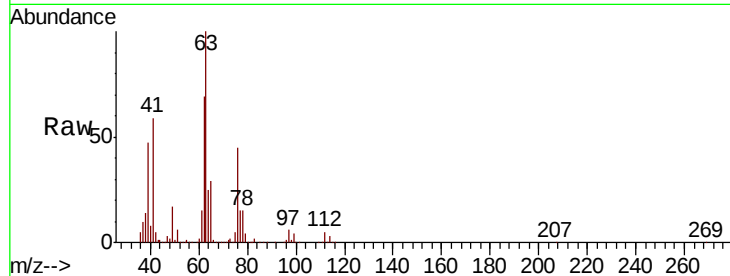
65 29.3 26.1 39.1

Manual Integrations

APPROVED

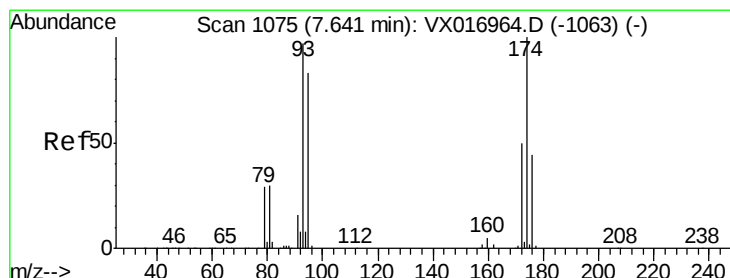
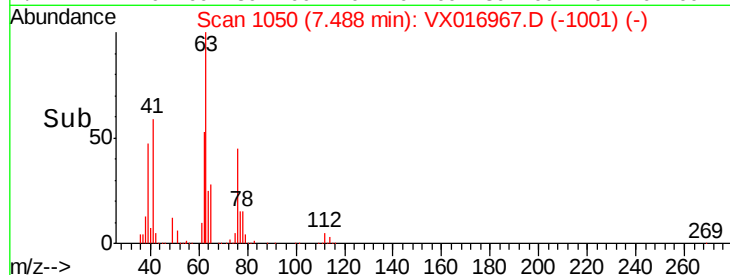
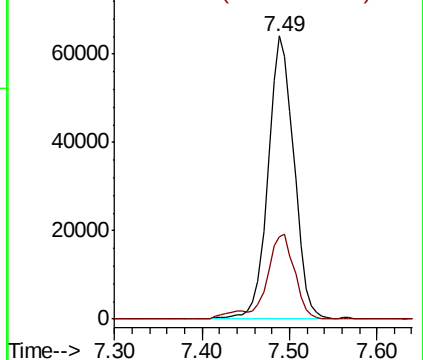
MMDadoda

6/29/2020 12:32:32 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.846 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

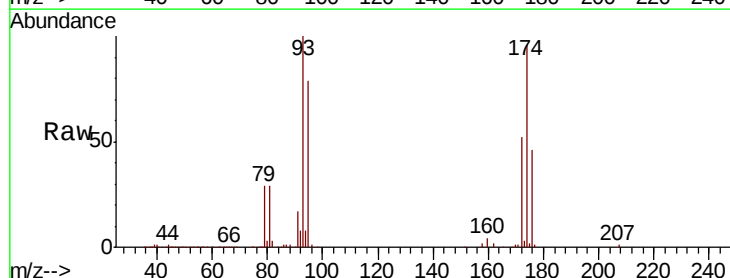
Tgt Ion: 93 Resp: 91510

Ion Ratio Lower Upper

93 100

95 81.3 67.5 101.3

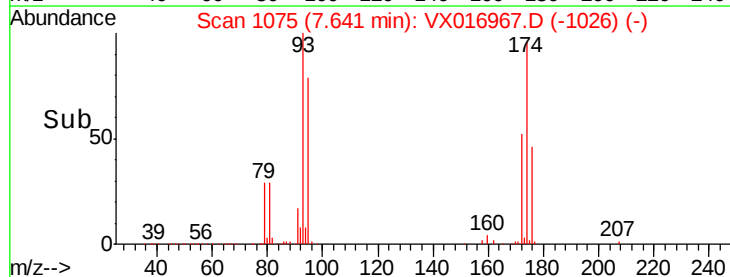
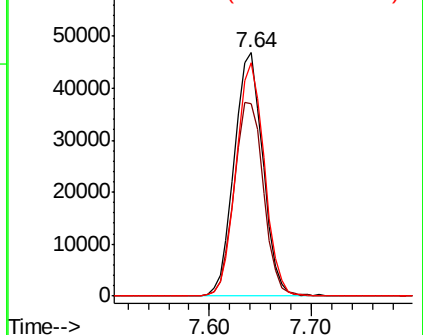
174 94.6 75.0 112.4

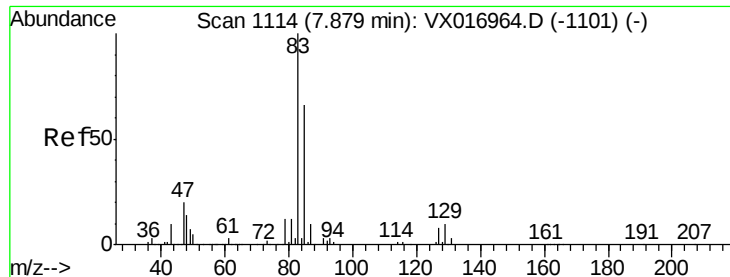


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.802 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

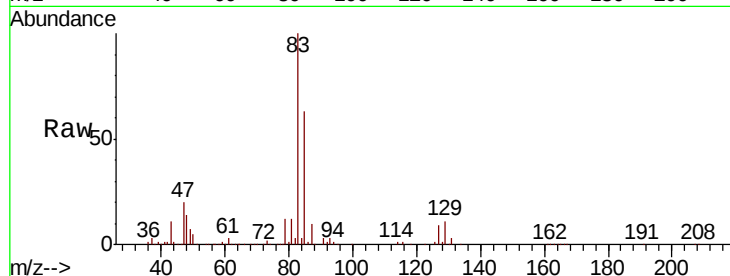
ClientSampled :

ICVVX062620

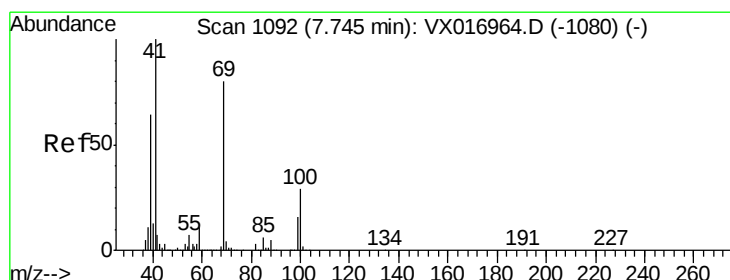
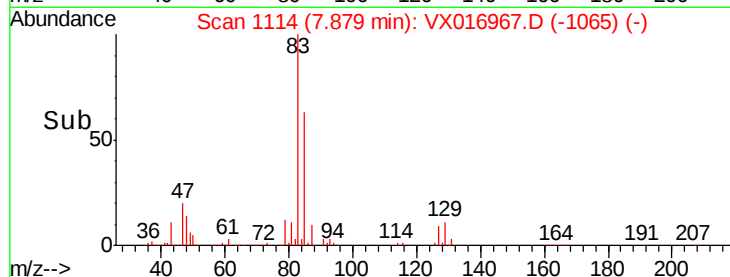
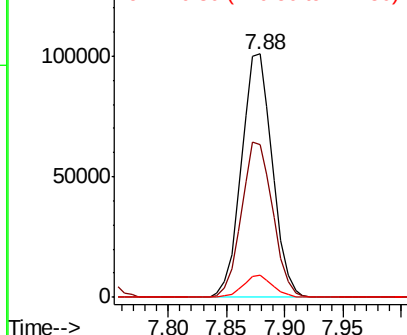
Tot Ion:	83	Resp:	187225
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.1	79.7
127	8.9	6.8	10.2

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.138 ug/l

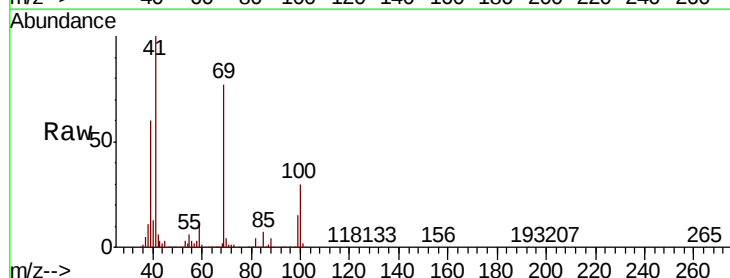
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

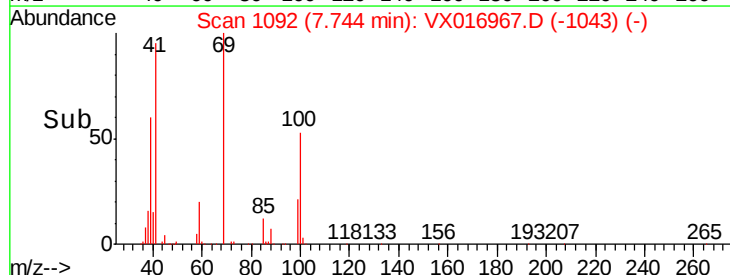
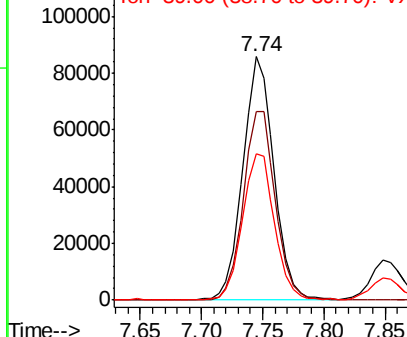
Lab File: VX016967.D

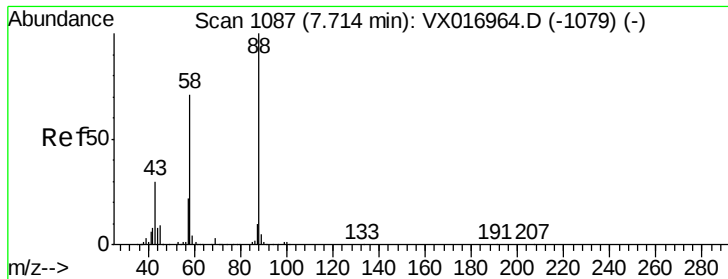
Acq: 25 Jun 2020 21:08

Tgt Ion:	41	Resp:	151704
Ion	Ratio	Lower	Upper
41	100		
69	80.2	62.7	94.1
39	61.3	49.6	74.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





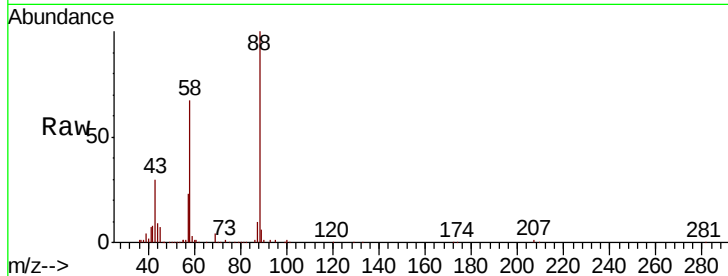
#49
1,4-Dioxane
Concen: 934.935 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	28.1	42.1
58	69.4	56.1	84.1

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM

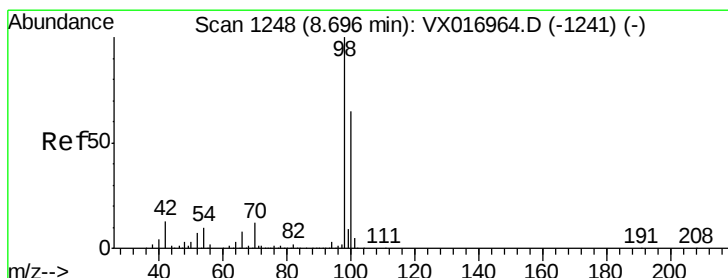
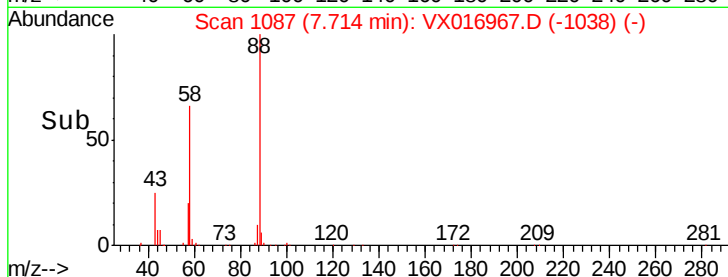
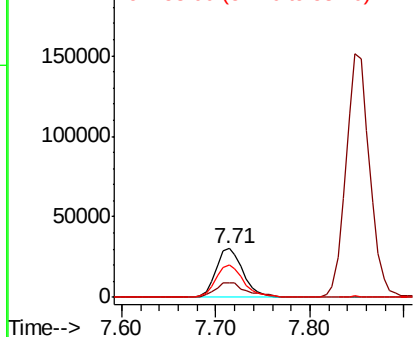


Abundance

Ion 88.00 (87.70 to 88.70): VX0

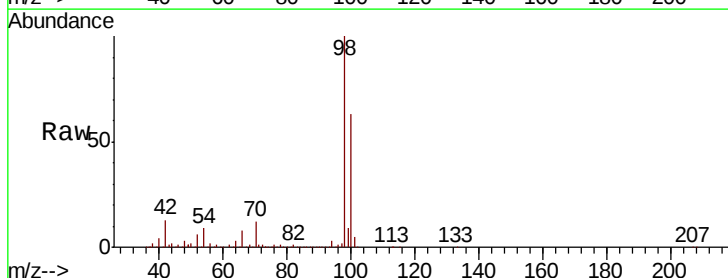
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.251 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

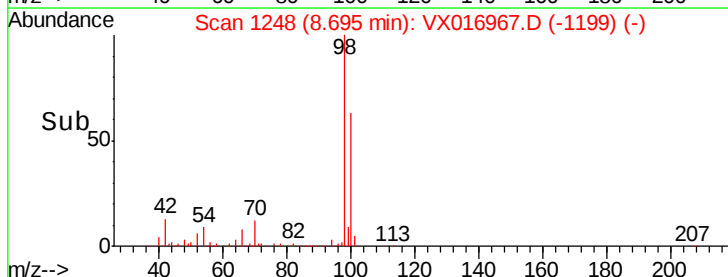
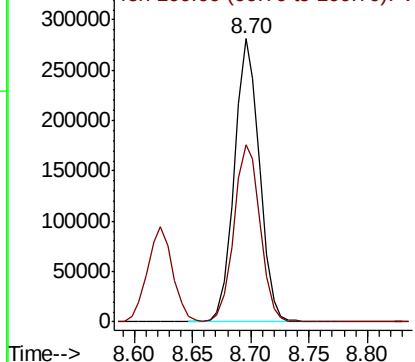
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

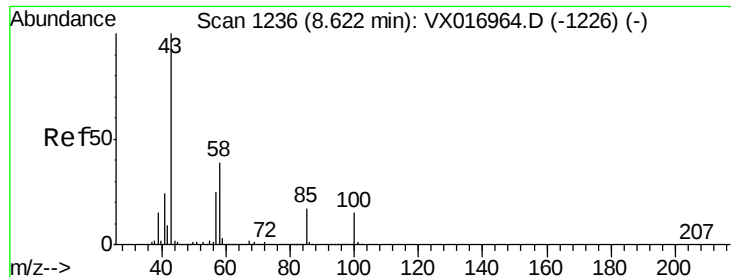


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





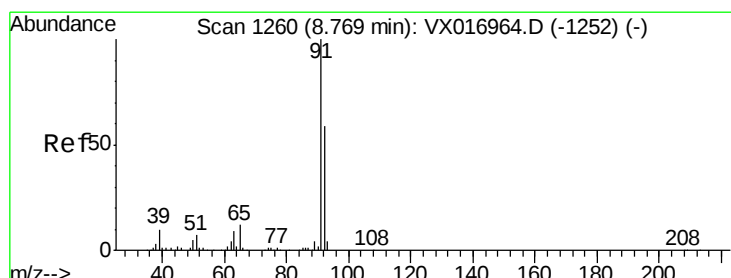
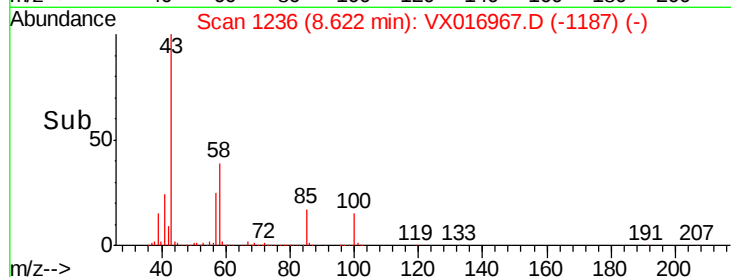
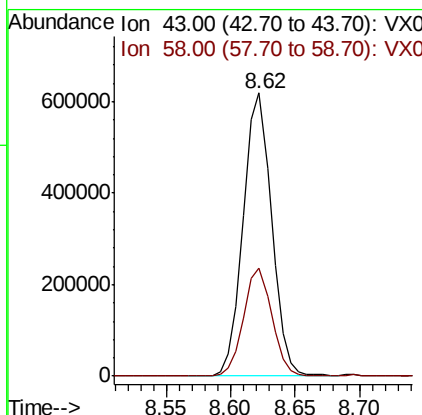
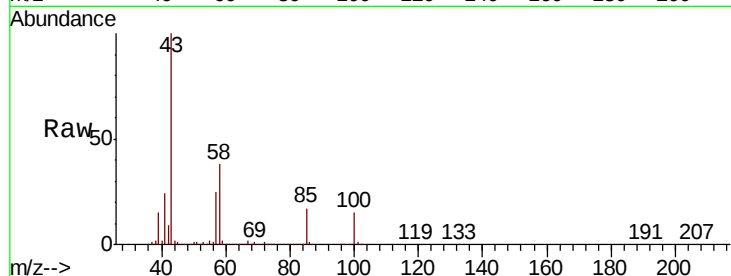
#51
4-Methyl-2-Pentanone
Concen: 249.462 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.4	45.6

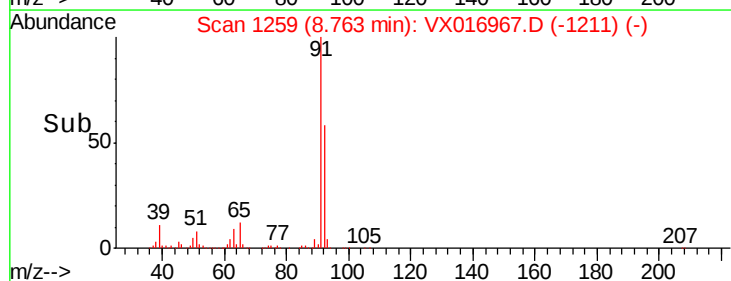
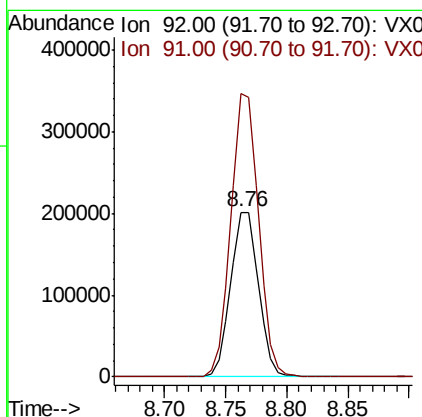
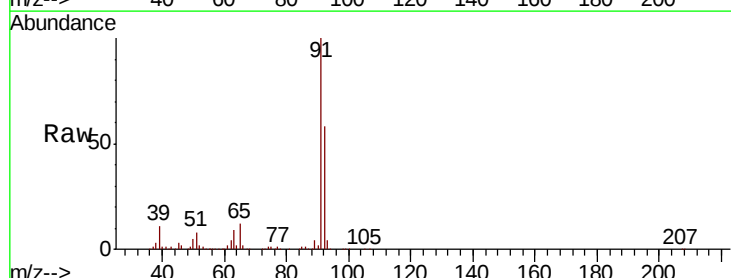
Manual Integrations
APPROVED

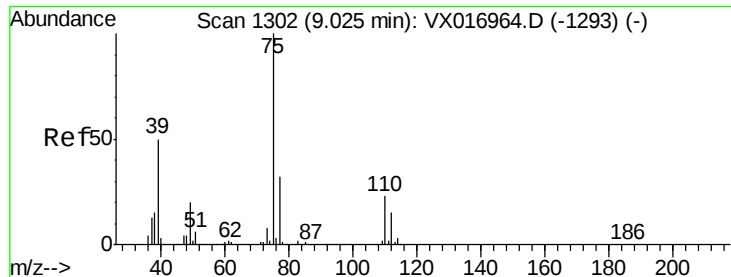
MMDadoda
6/29/2020 12:32:32 PM



#52
Toluene
Concen: 48.830 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.7	205.1





#53

t-1,3-Dichloropropene

Concen: 48.903 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 75 Resp: 209494

Ion Ratio Lower Upper

75 100

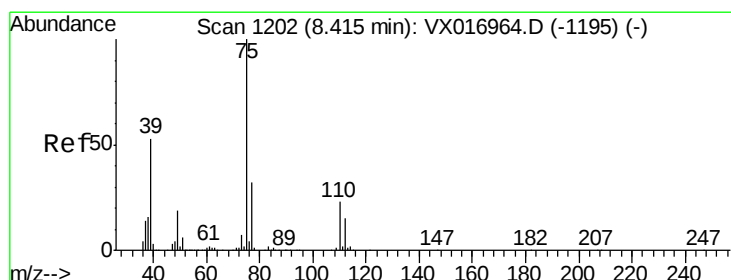
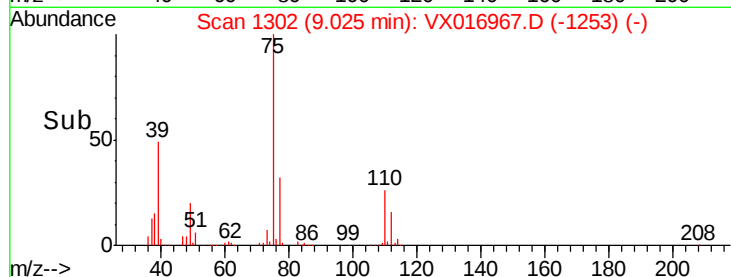
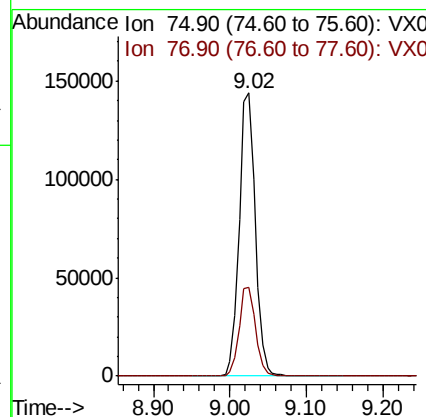
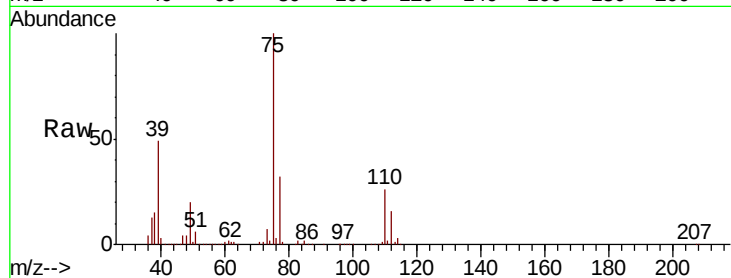
77 31.6 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:32 PM



#54

cis-1,3-Dichloropropene

Concen: 48.584 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

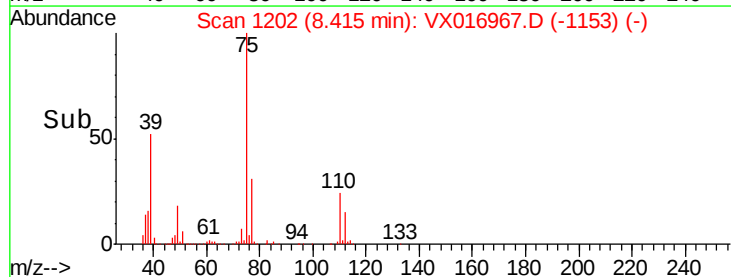
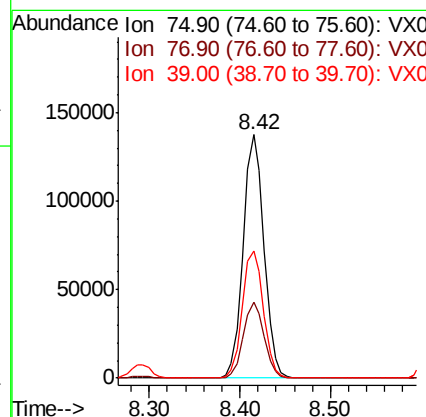
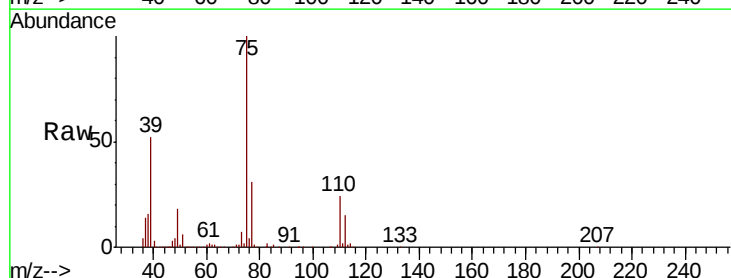
Tgt Ion: 75 Resp: 218788

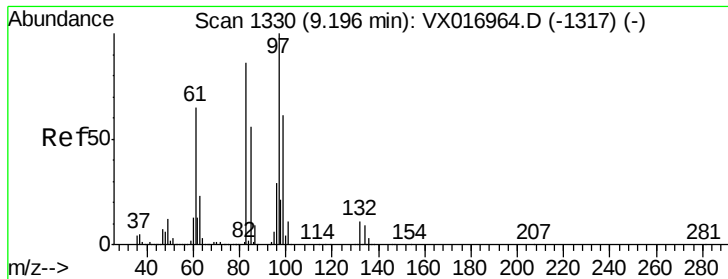
Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

39 52.1 42.7 64.1





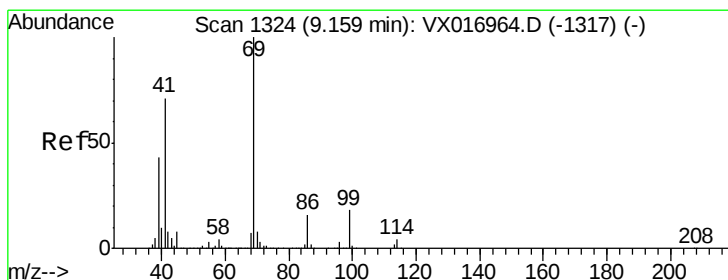
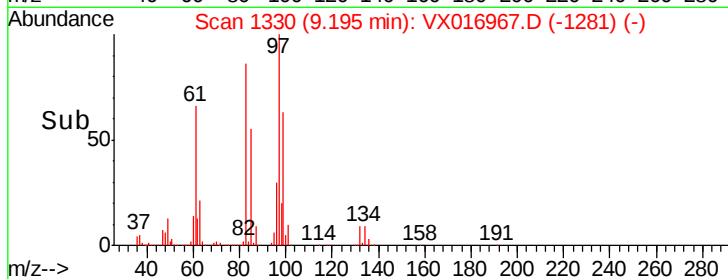
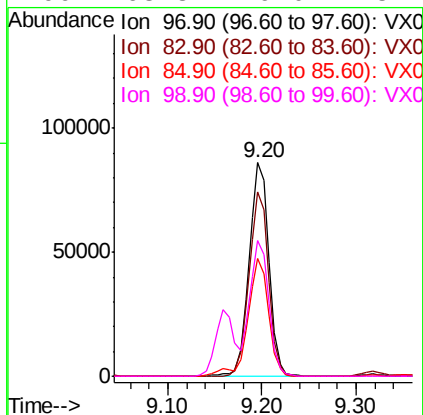
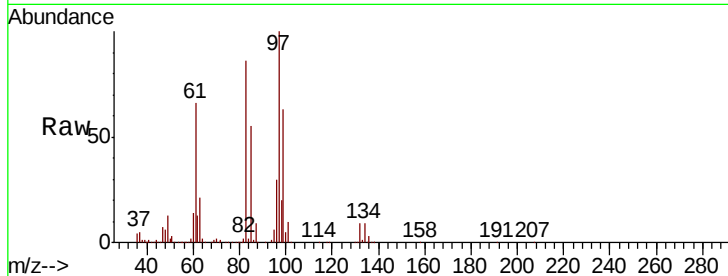
#55
 1,1,2-Trichloroethane
 Concen: 47.582 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062620

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.6	103.0
85	55.2	44.5	66.7
99	63.3	49.0	73.4

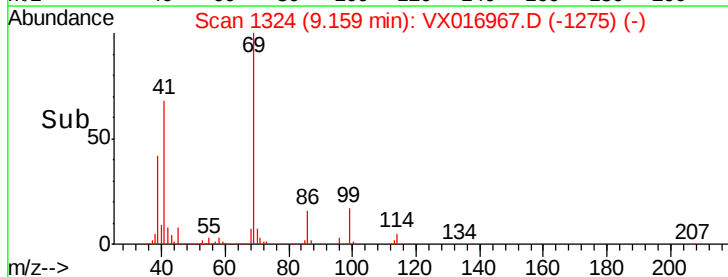
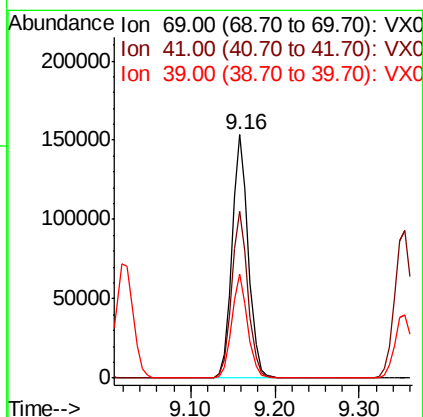
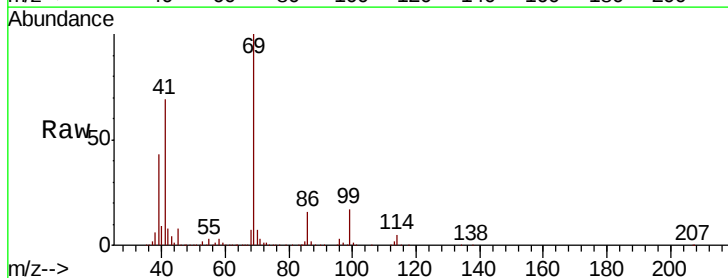
Manual Integrations
 APPROVED

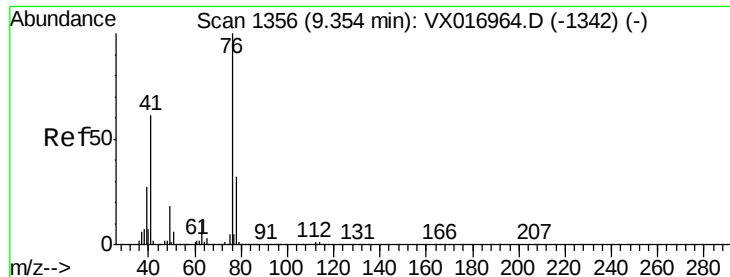
MMDadoda
 6/29/2020 12:32:32 PM



#56
 Ethyl methacrylate
 Concen: 50.431 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.9	83.9
39	41.2	34.6	51.8





#57

1,3-Dichloropropane

Concen: 47.496 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 76 Resp: 216854

Ion Ratio Lower Upper

76 100

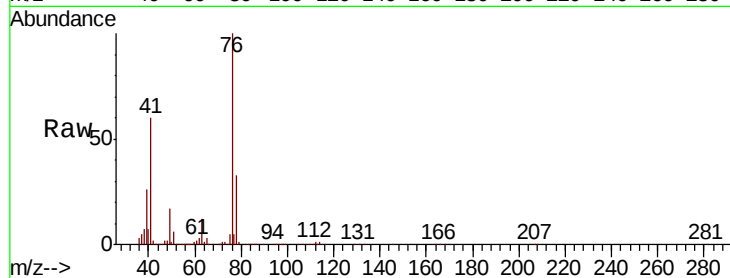
78 32.7 26.0 39.0

Manual Integrations

APPROVED

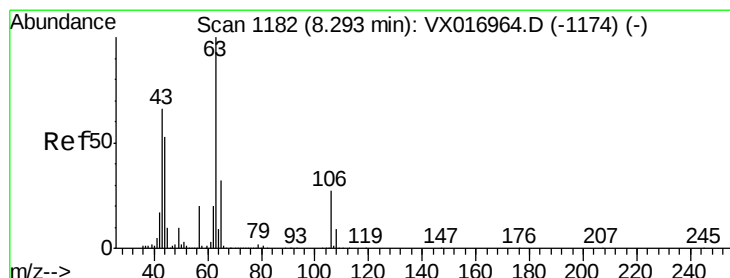
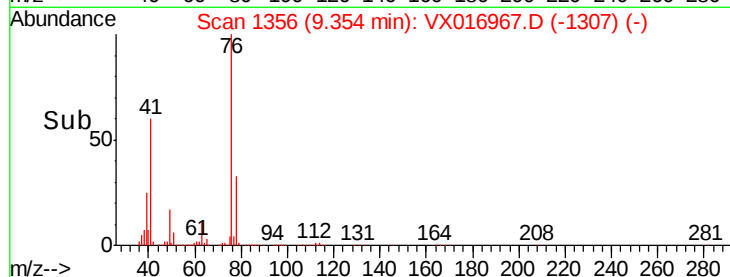
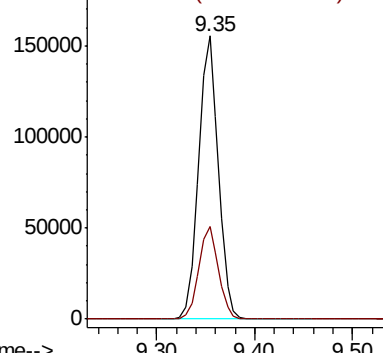
MMDadoda

6/29/2020 12:32:32 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 254.397 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016967.D

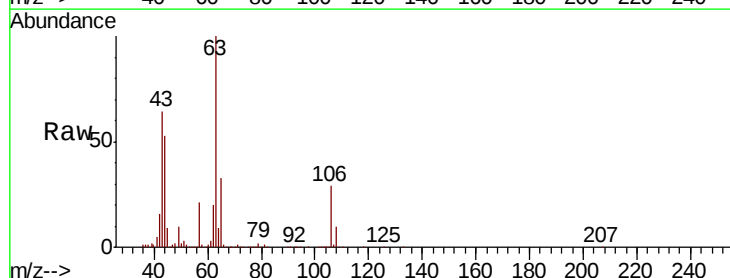
Acq: 25 Jun 2020 21:08

Tgt Ion: 63 Resp: 525366

Ion Ratio Lower Upper

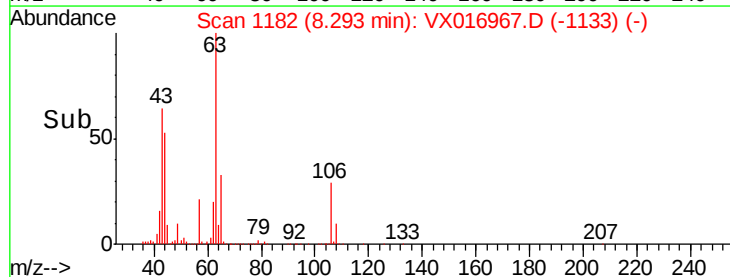
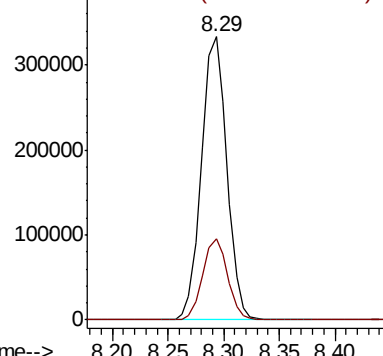
63 100

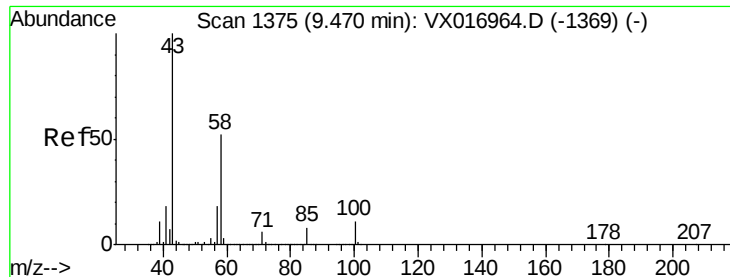
106 28.4 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





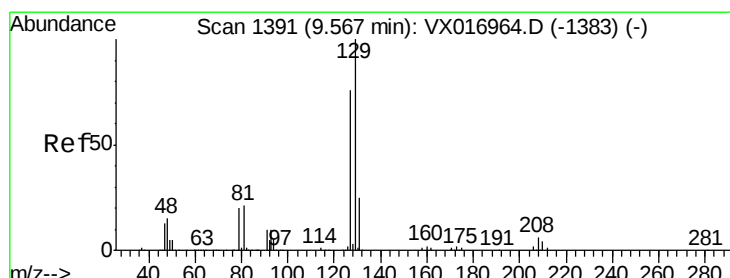
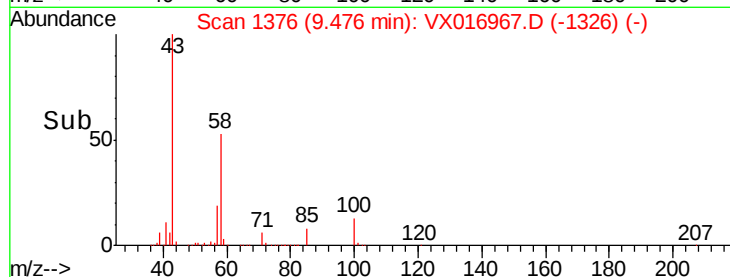
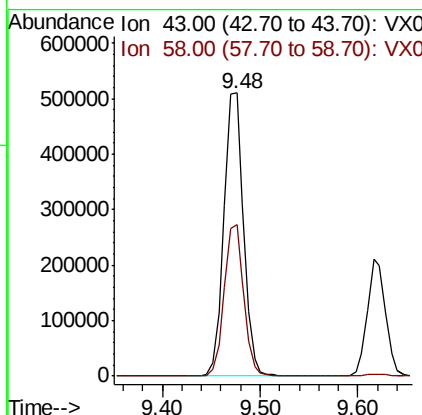
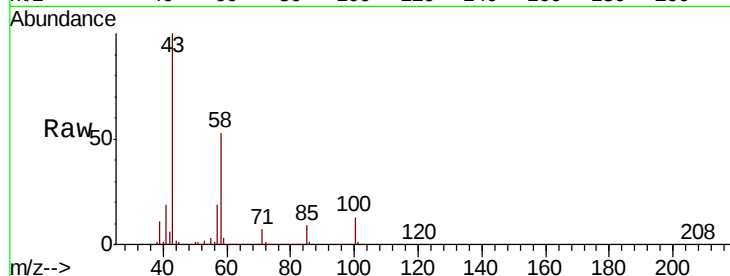
#59
2-Hexanone
Concen: 250.246 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.3	78.9

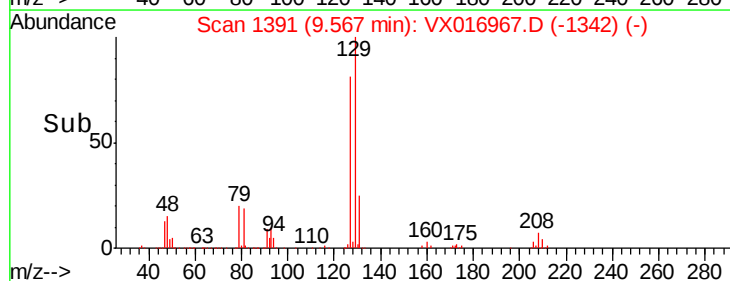
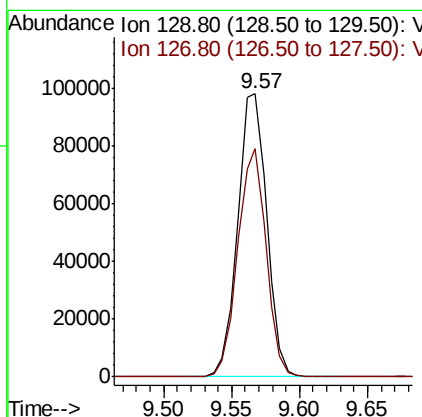
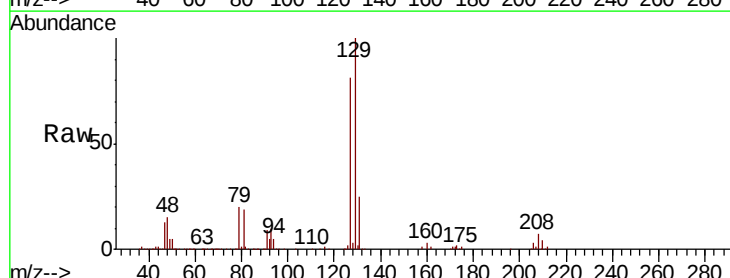
Manual Integrations
APPROVED

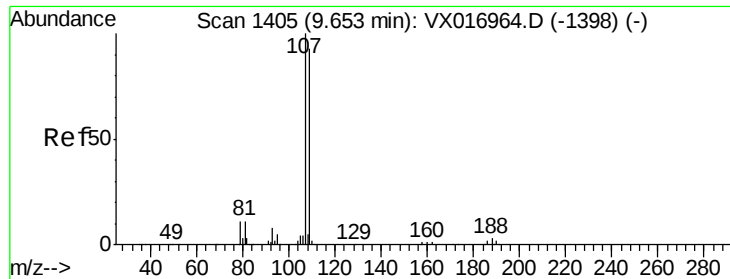
MMDadoda
6/29/2020 12:32:32 PM



#60
Dibromochloromethane
Concen: 48.035 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.0	114.0





#61

1,2-Dibromoethane

Concen: 47.606 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 107 Resp: 135565

Ion Ratio Lower Upper

107 100

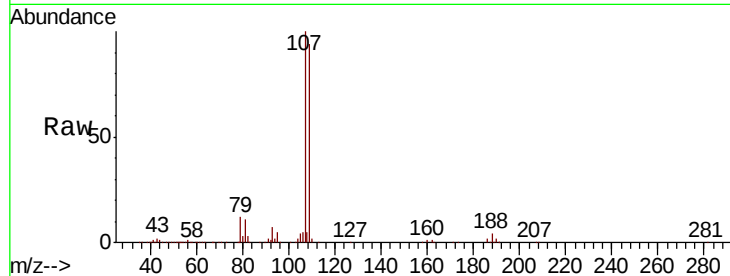
109 93.9 75.0 112.6

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:32 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

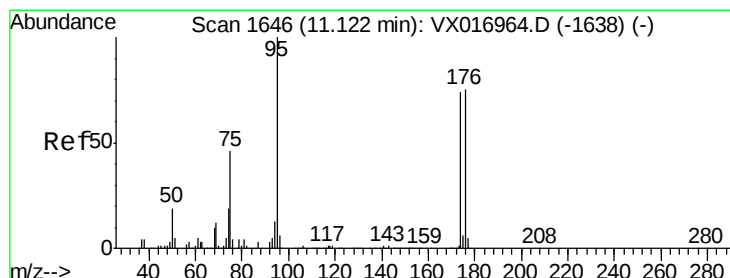
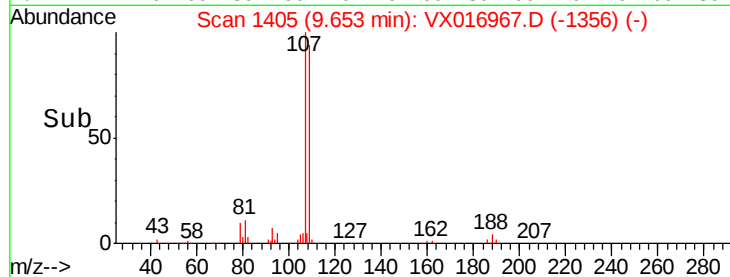
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.987 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

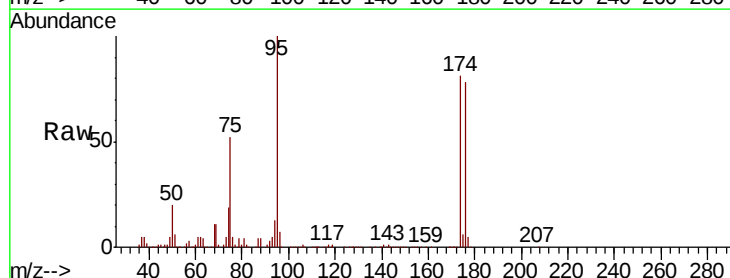
Tgt Ion: 95 Resp: 162458

Ion Ratio Lower Upper

95 100

174 78.0 0.0 149.6

176 74.7 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

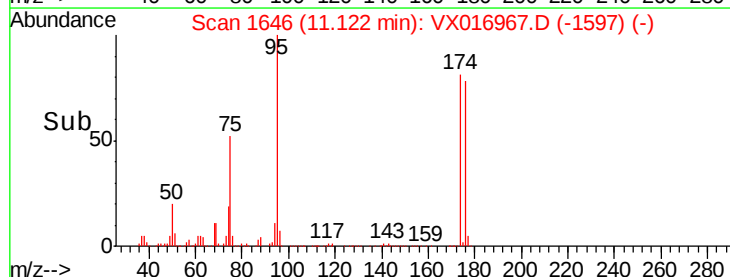
150000

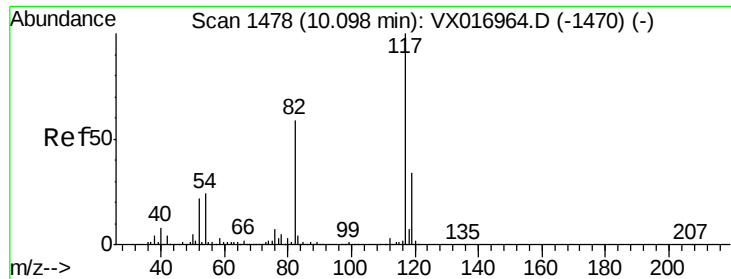
100000

50000

0

Time--> 11.10 11.20





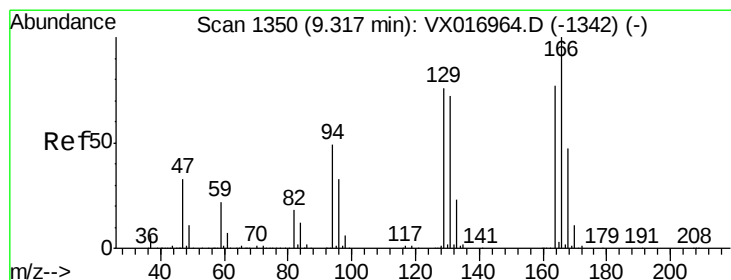
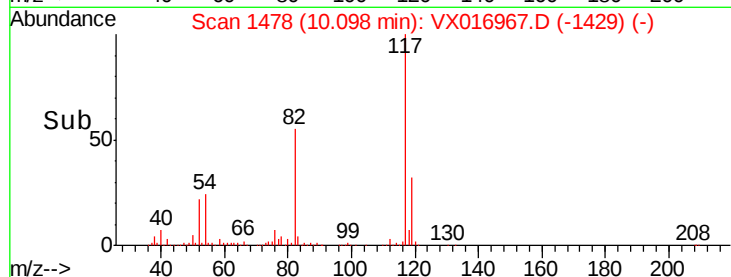
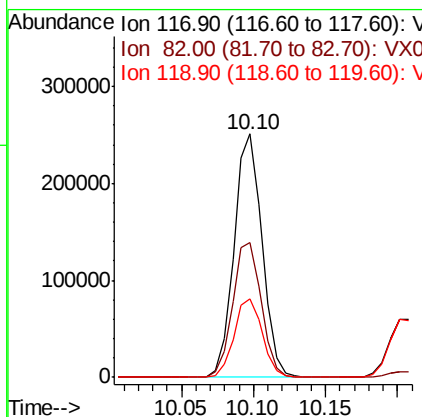
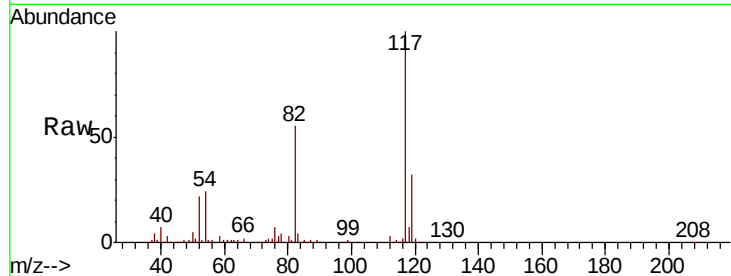
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Resp	Lower	Upper
117	100	340927		
82	55.2	46.8	70.2	
119	32.0	27.3	40.9	

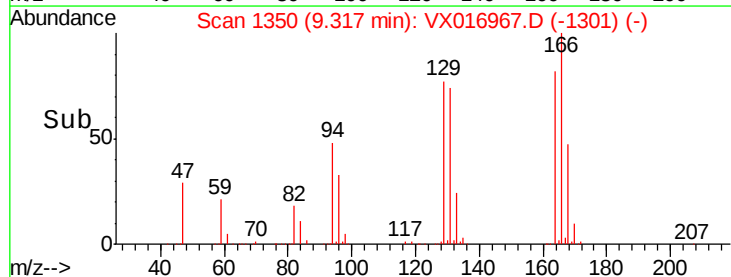
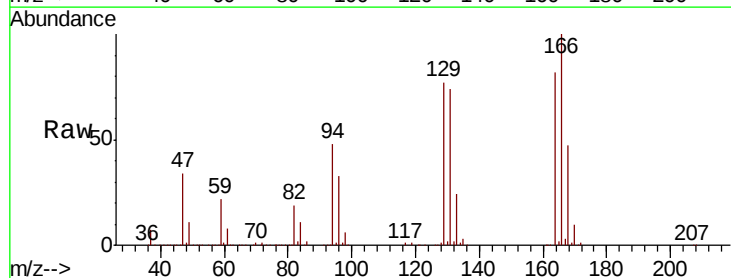
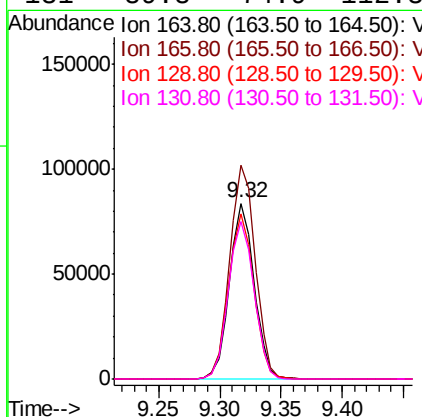
Manual Integrations
APPROVED

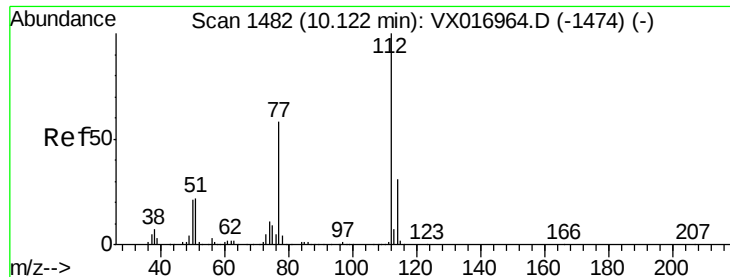
MMDadoda
6/29/2020 12:32:32 PM



#64
Tetrachloroethene
Concen: 50.217 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	115891		
166	121.5	104.2	156.4	
129	93.9	79.3	118.9	
131	89.8	74.9	112.3	





#65

Chlorobenzene

Concen: 48.668 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampled :

ICVVX062620

Tot Ion:112 Resp: 339310

Ion Ratio Lower Upper

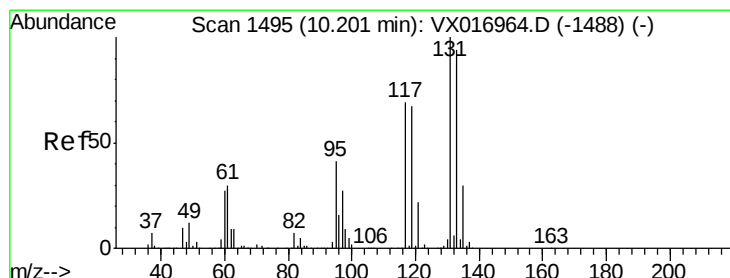
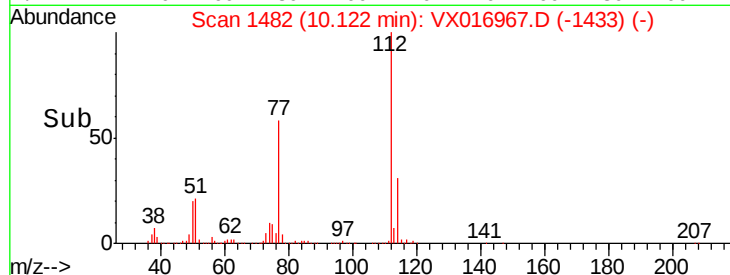
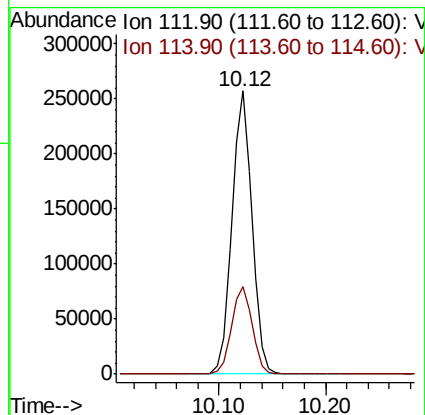
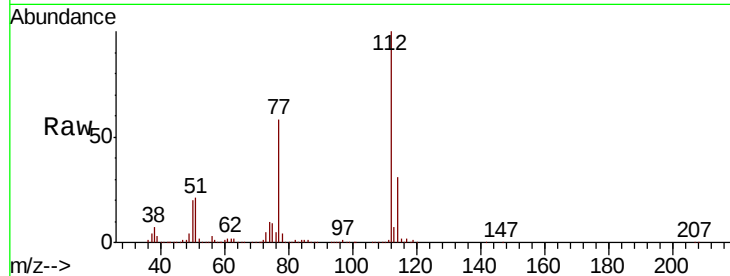
112 100

114 30.7 24.8 37.2

Manual Integrations
APPROVED

MMDadoda

6/29/2020 12:32:32 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 49.695 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

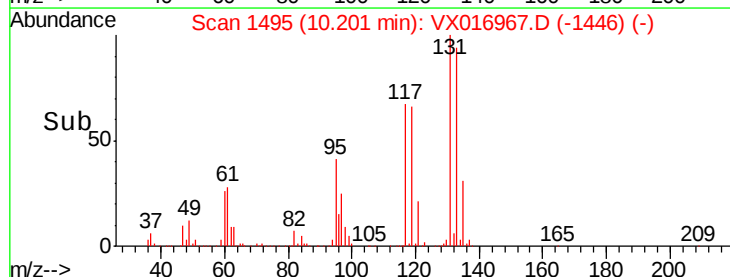
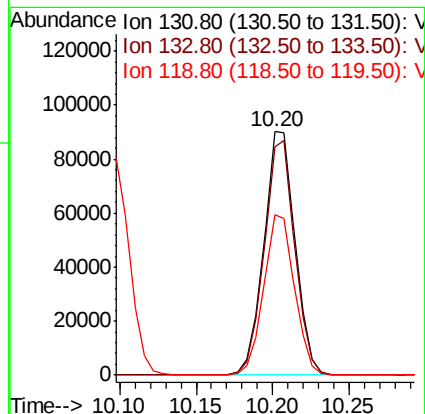
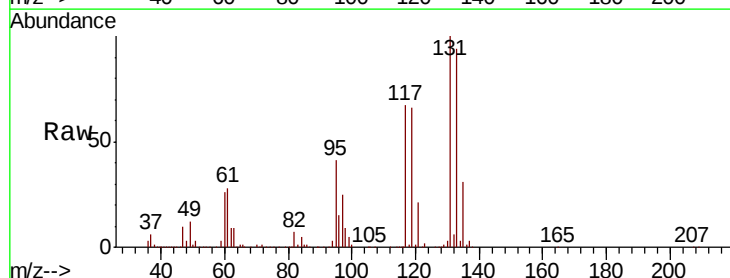
Tgt Ion:131 Resp: 128763

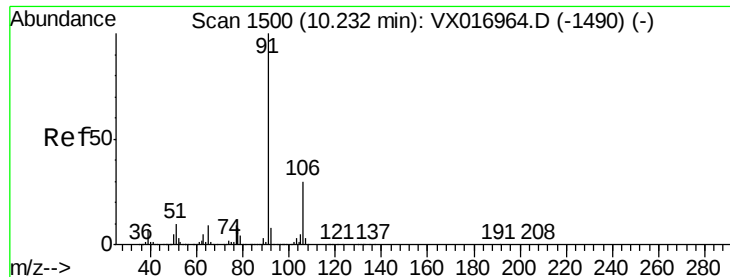
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.0

119 65.2 32.8 98.4





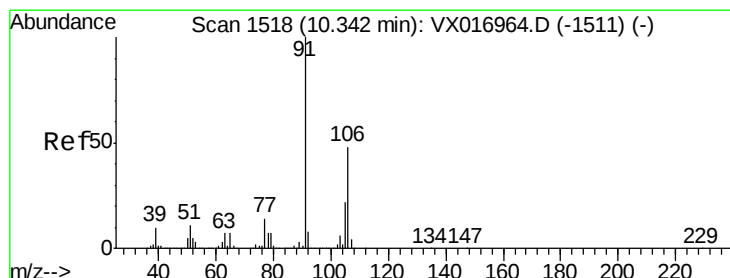
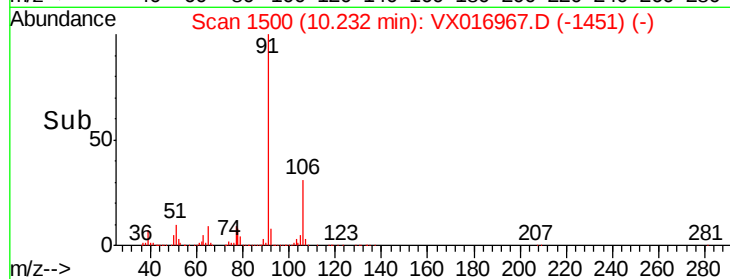
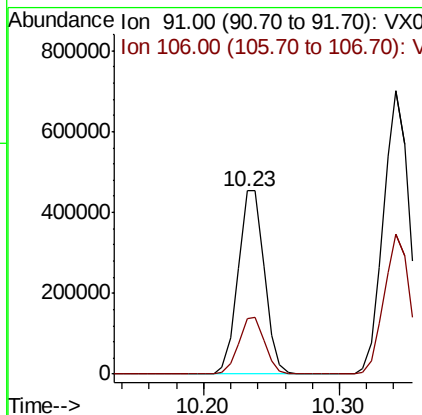
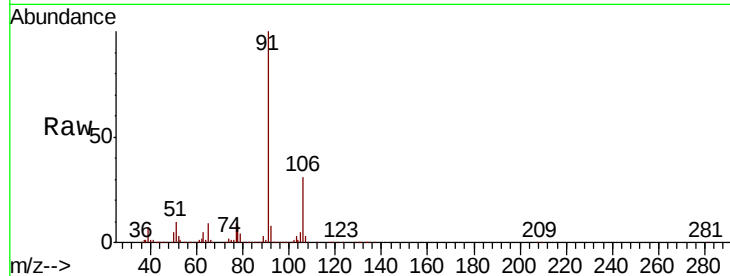
#67
Ethyl Benzene
Concen: 49.993 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion: 91 Resp: 611857
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1

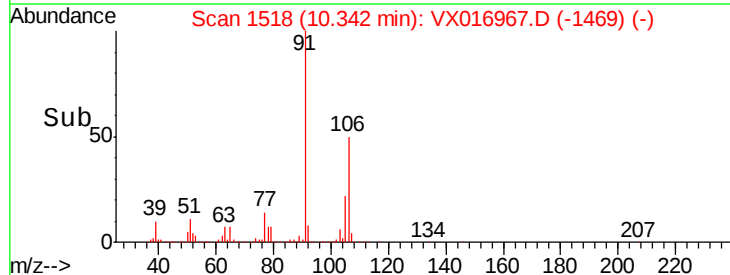
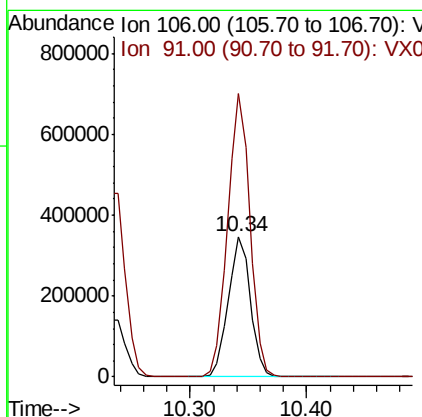
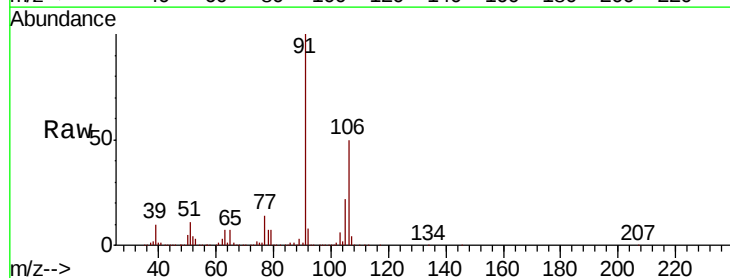
Manual Integrations
APPROVED

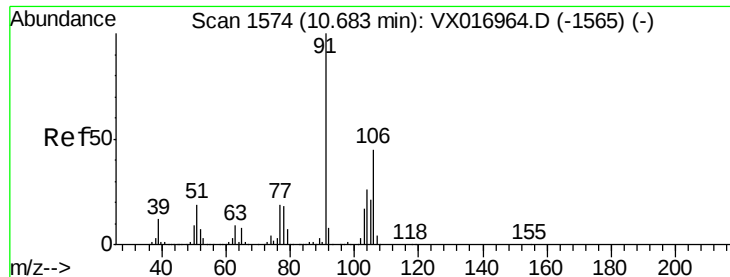
MMDadoda
6/29/2020 12:32:32 PM



#68
m/p-Xylenes
Concen: 101.084 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion: 106 Resp: 459609
Ion Ratio Lower Upper
106 100
91 202.7 164.1 246.1





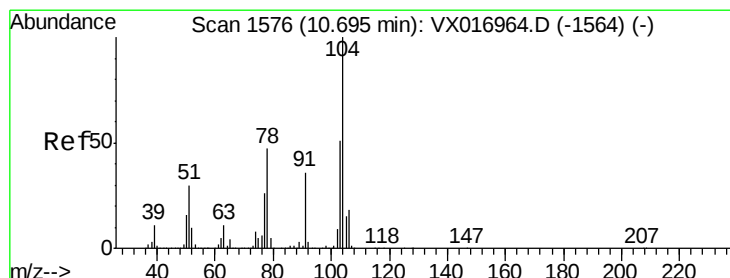
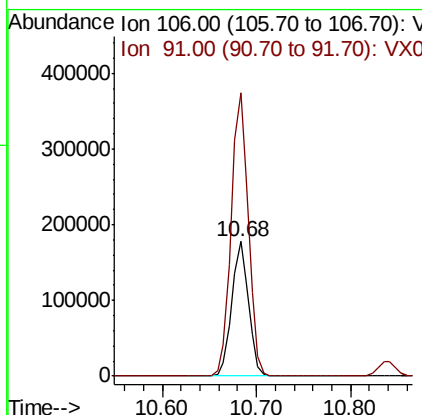
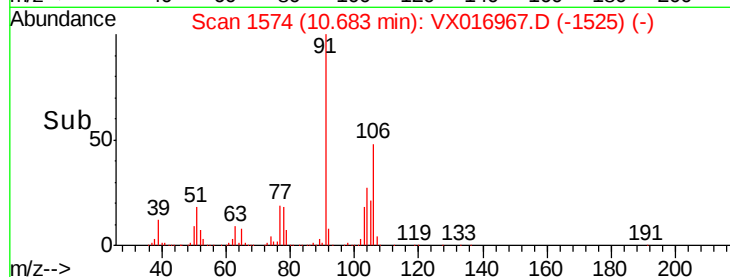
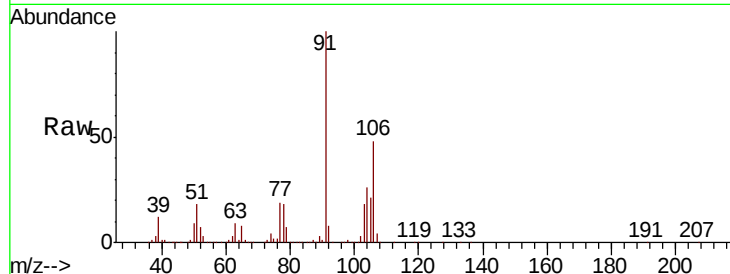
#69
o-Xylene
Concen: 50.511 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.4	109.1	327.2

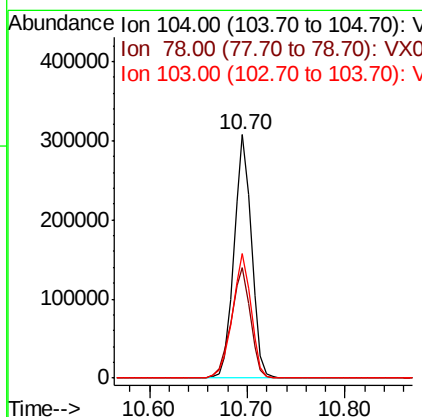
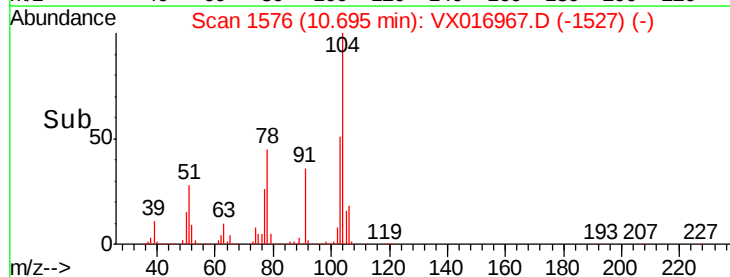
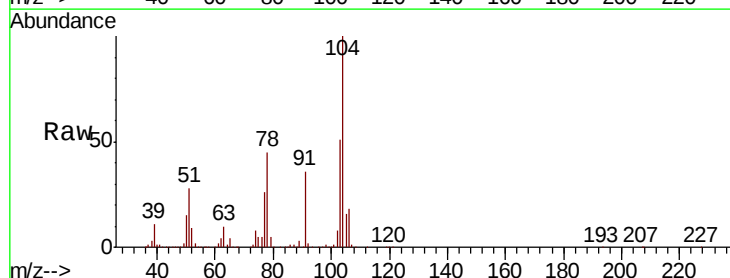
Manual Integrations
APPROVED

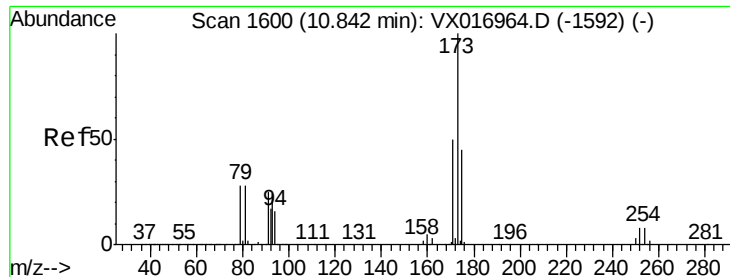
MMDadoda
6/29/2020 12:32:32 PM



#70
Styrene
Concen: 51.378 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.7	41.9	62.9
103	55.1	43.9	65.9





#71

Bromoform

Concen: 51.600 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion:173 Resp: 106307

Ion Ratio Lower Upper

173 100

175 49.3 23.4 70.2

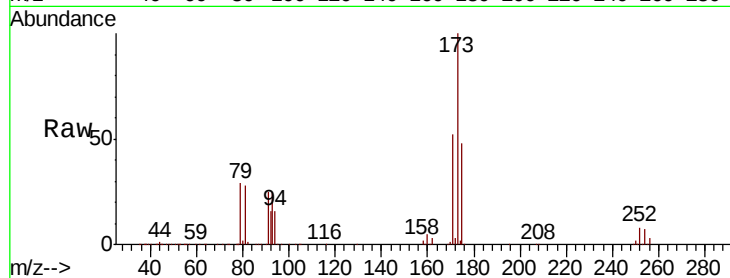
254 0.1 0.0 0.0#

Manual Integrations

APPROVED

MMDadoda

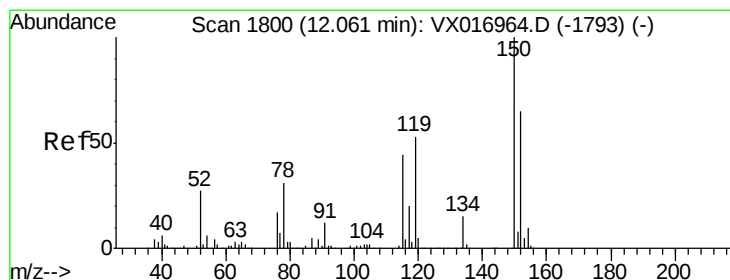
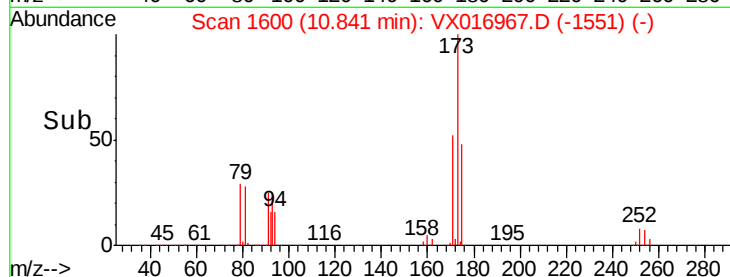
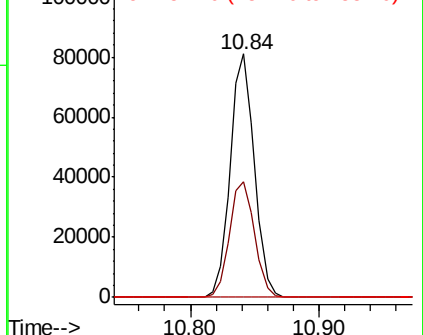
6/29/2020 12:32:32 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

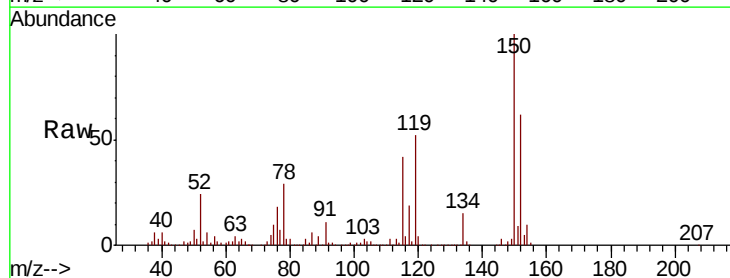
Tgt Ion:152 Resp: 172637

Ion Ratio Lower Upper

152 100

115 83.3 42.8 128.4

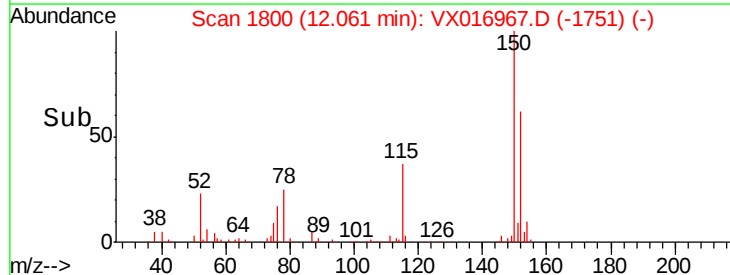
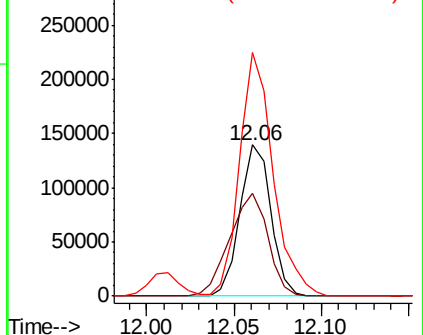
150 173.7 0.0 347.8

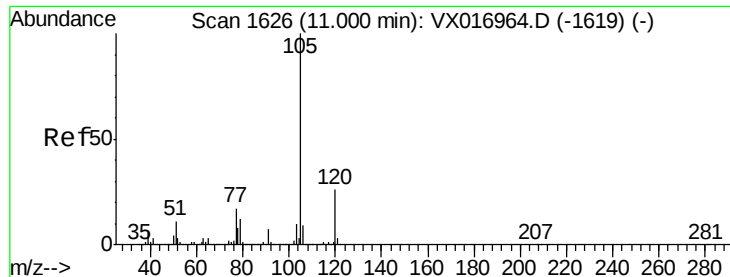


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.093 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 105 Resp: 595429

Ion Ratio Lower Upper

105 100

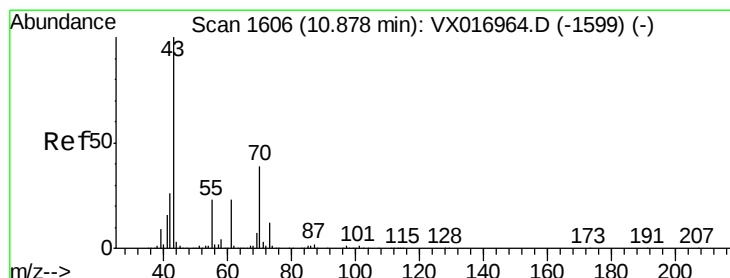
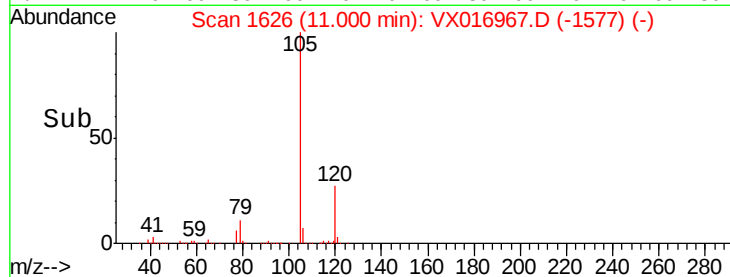
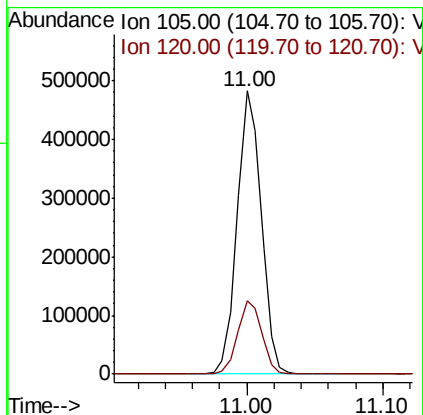
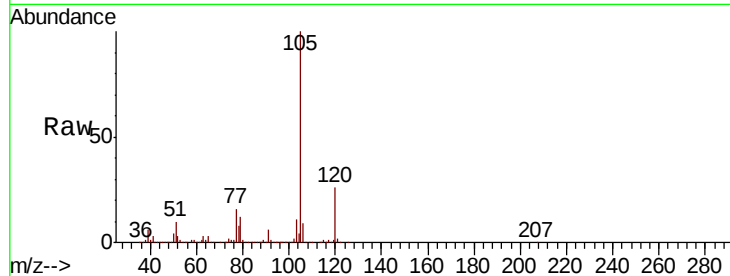
120 26.1 13.1 39.1

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:32 PM



#74

N-ethyl acetate

Concen: 49.177 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion: 43 Resp: 275653

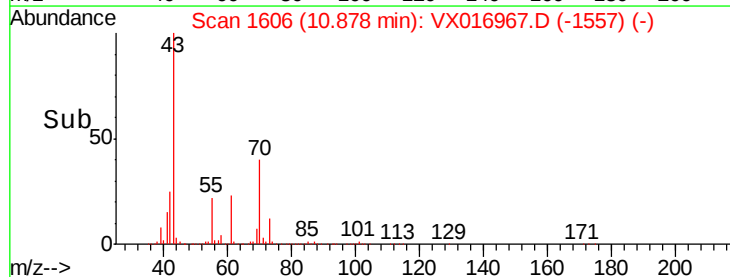
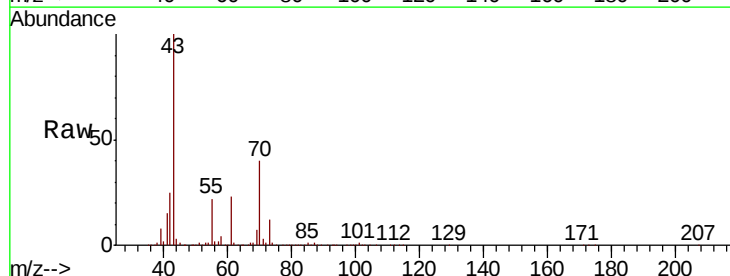
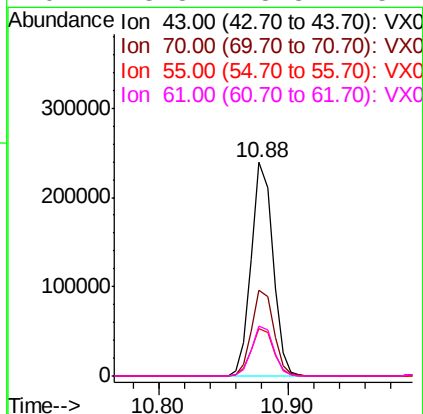
Ion Ratio Lower Upper

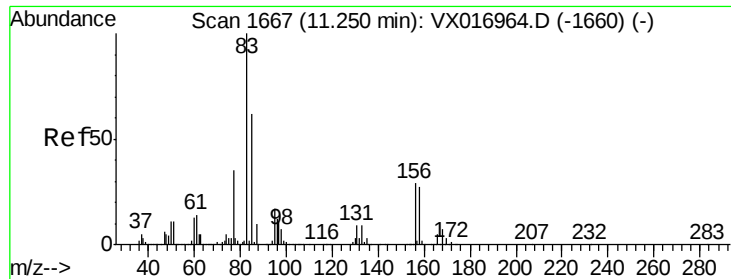
43 100

70 41.3 32.1 48.1

55 23.0 18.6 28.0

61 23.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.352 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

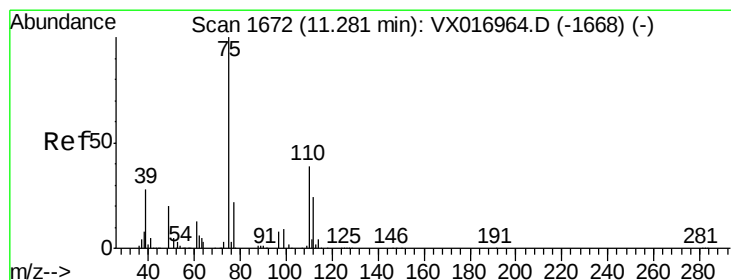
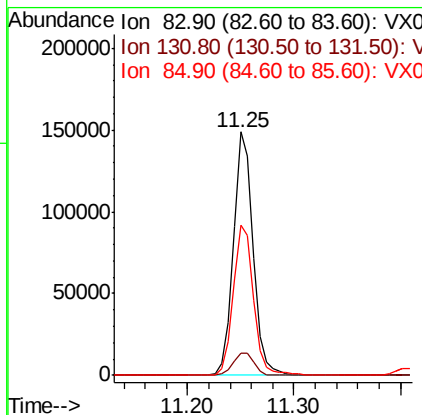
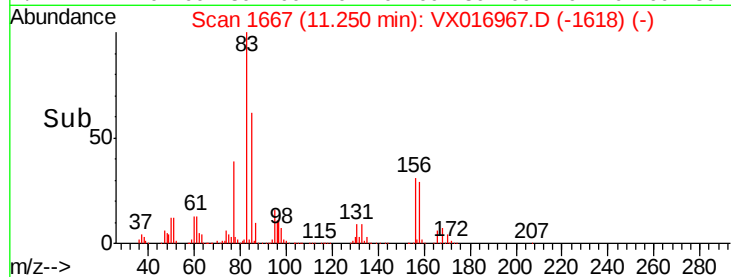
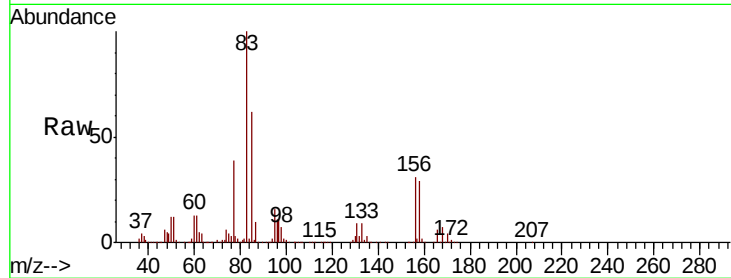
ClientSampleId :

ICVVX062620

Tot Ion:	83	Resp:	193412
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	63.3	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM



#76

1,2,3-Trichloropropane

Concen: 50.478 ug/l m

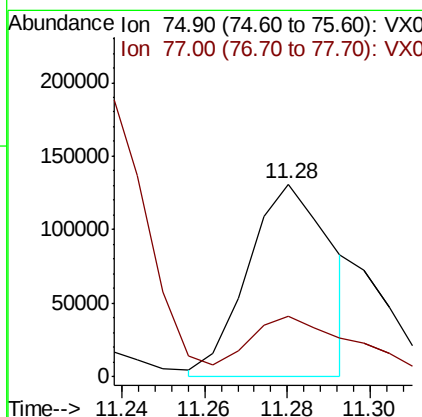
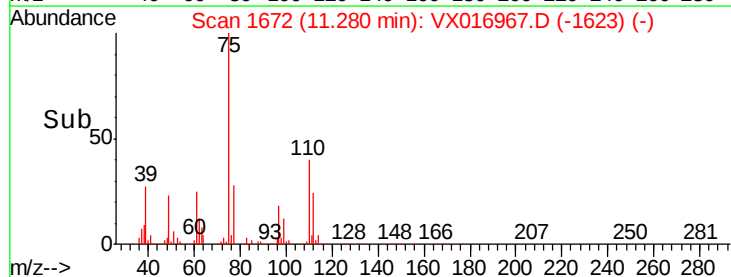
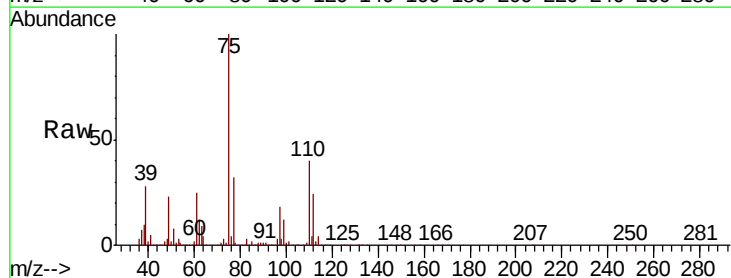
RT: 11.28 min Scan# 1672

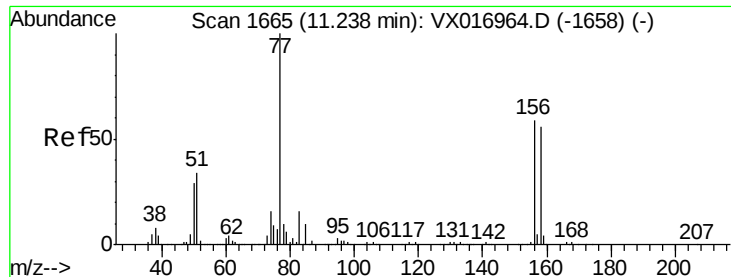
Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion:	75	Resp:	182882
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.3	61.0





#77

Bromobenzene

Concen: 48.532 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

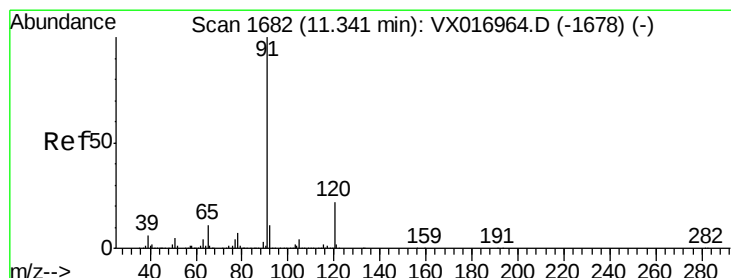
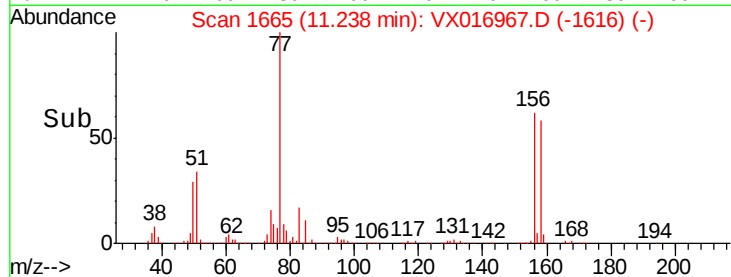
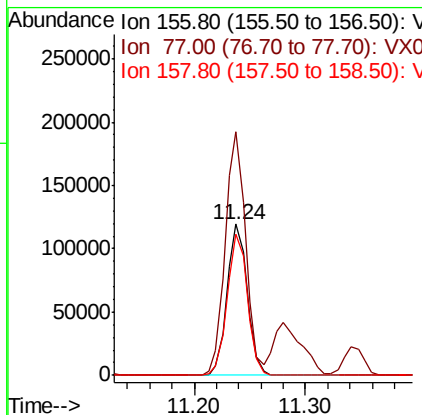
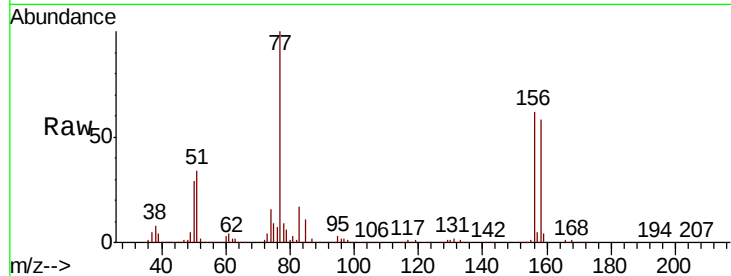
ClientSampleId :

ICVVX062620

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.2	85.2	255.6
158	94.1	48.3	144.9

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM



#78

n-propylbenzene

Concen: 49.309 ug/l

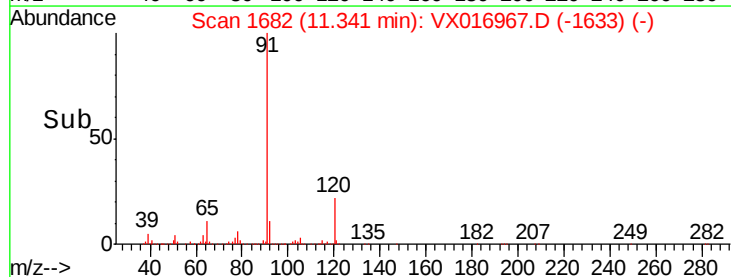
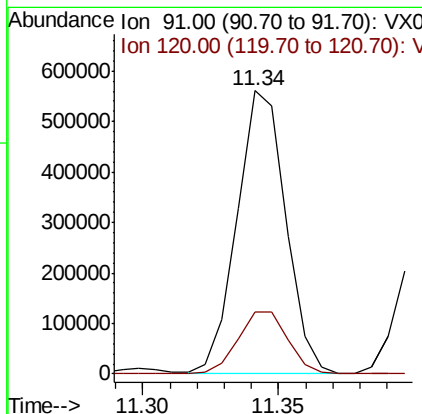
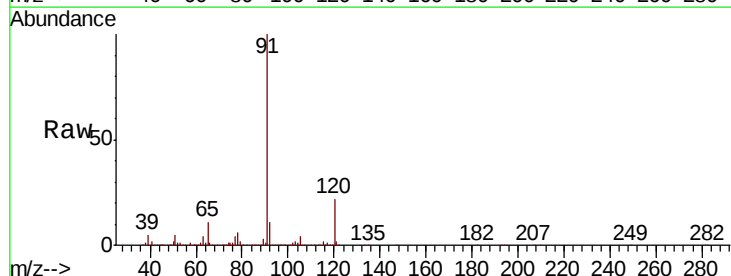
RT: 11.34 min Scan# 1682

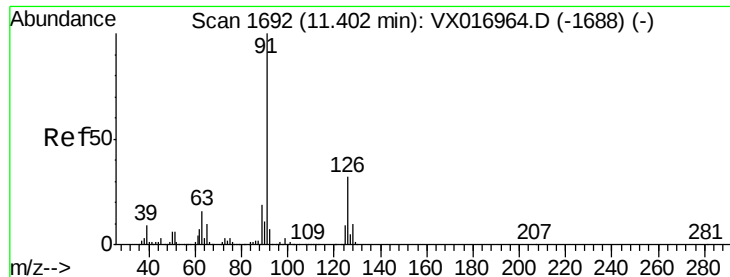
Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.3	33.8





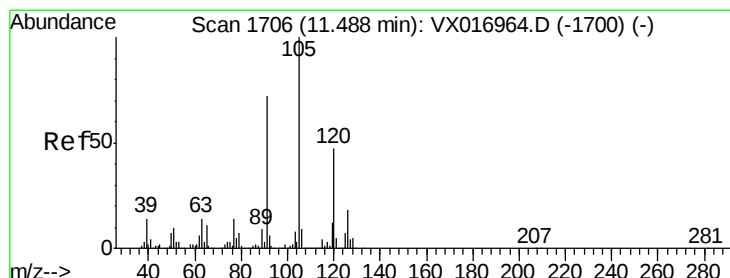
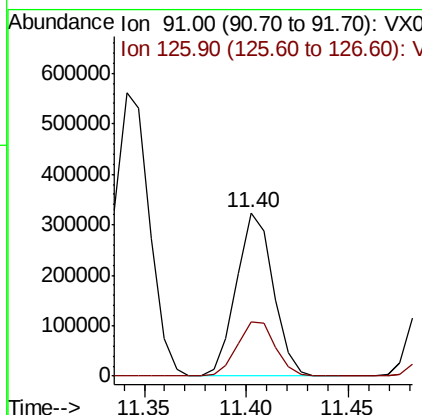
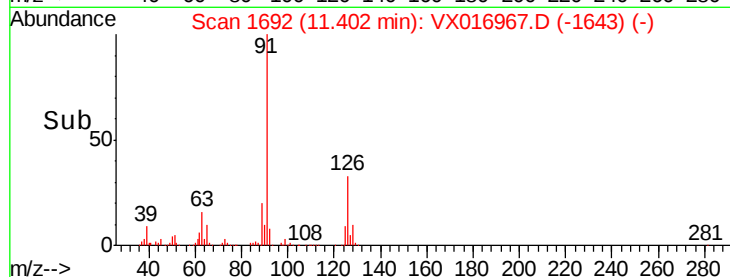
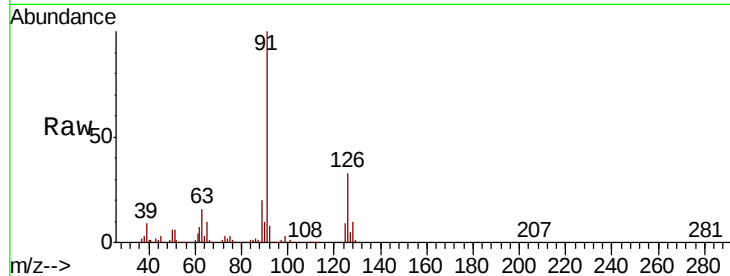
#79
 2-Chlorotoluene
 Concen: 47.985 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062620

Tot Ion: 91 Resp: 404826
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.6 49.8

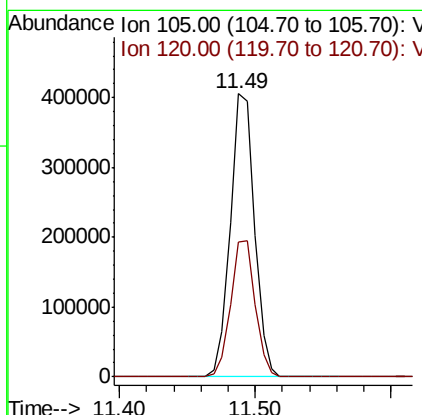
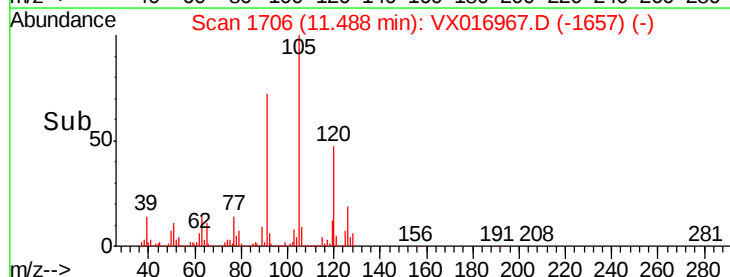
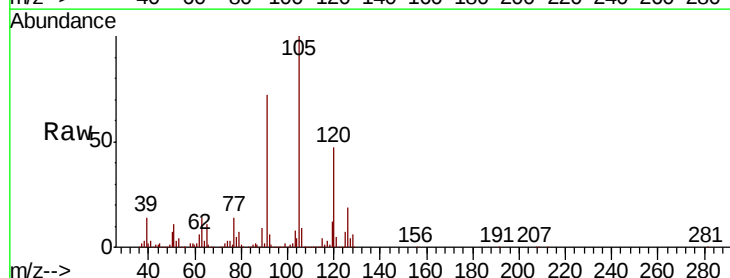
Manual Integrations
 APPROVED

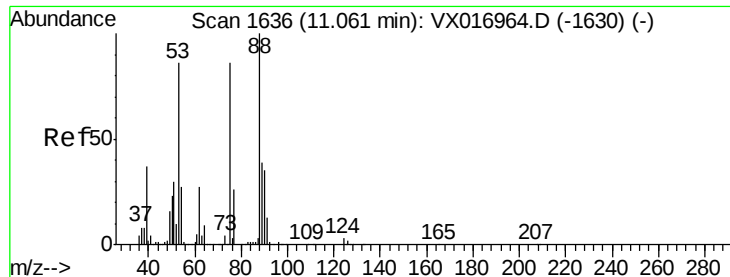
MMDadoda
 6/29/2020 12:32:32 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.876 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion: 105 Resp: 502640
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.206 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062620

Tot Ion: 75 Resp: 68790

Ion Ratio Lower Upper

75 100

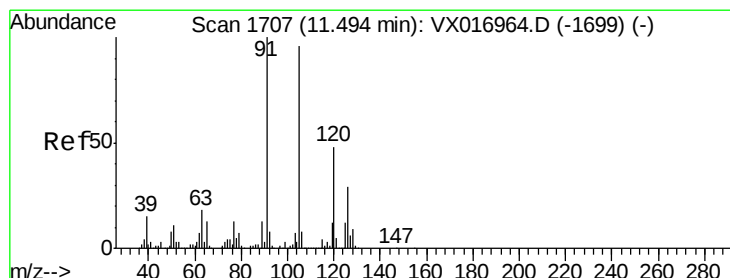
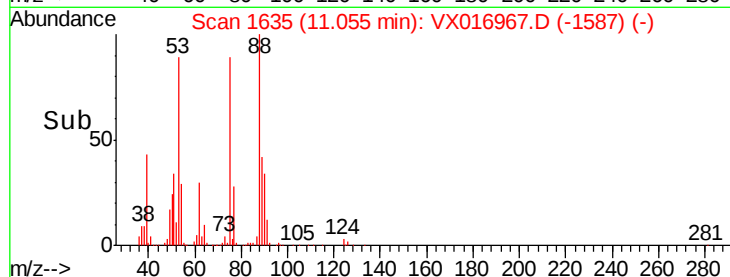
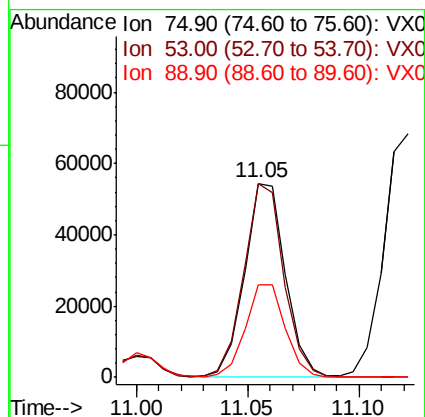
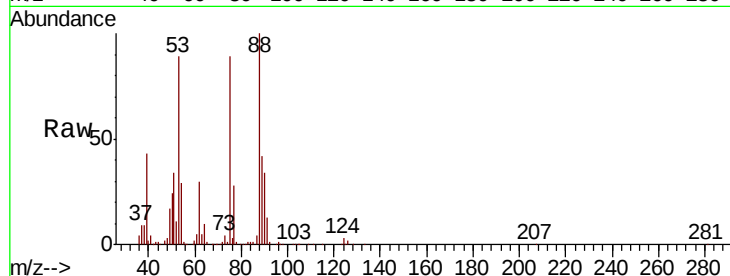
53 98.6 81.9 122.9

89 47.5 35.5 53.3

Manual Integrations
APPROVED

MMDadoda

6/29/2020 12:32:32 PM



#82

4-Chlorotoluene

Concen: 49.091 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016967.D

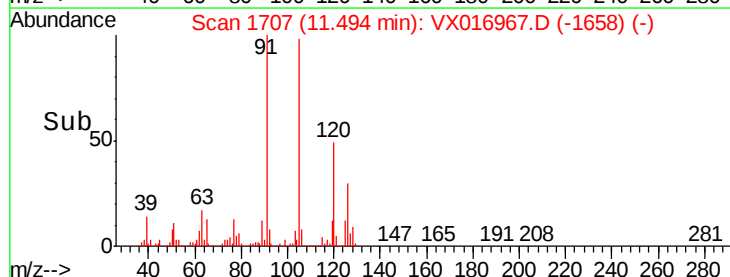
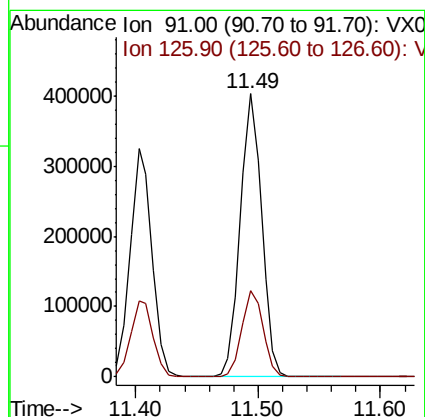
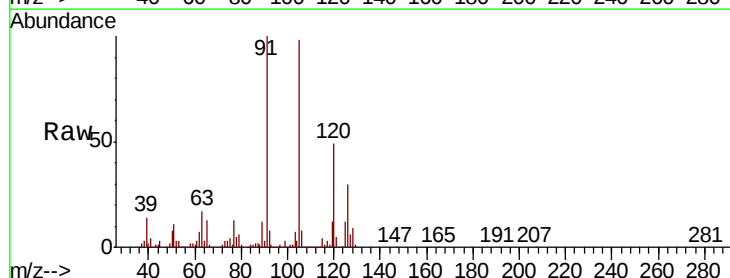
Acq: 25 Jun 2020 21:08

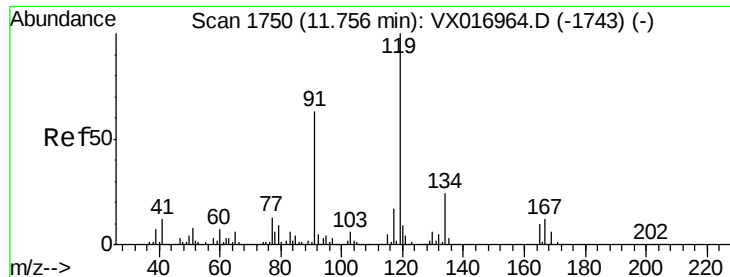
Tgt Ion: 91 Resp: 487440

Ion Ratio Lower Upper

91 100

126 30.1 14.6 44.0





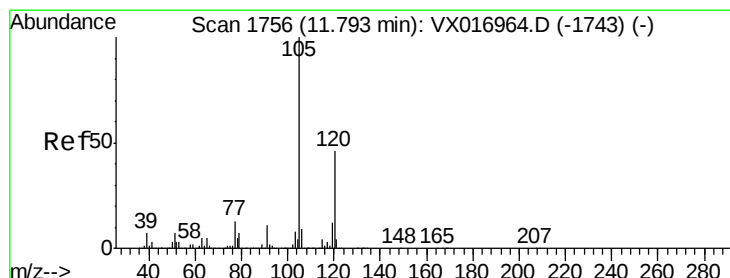
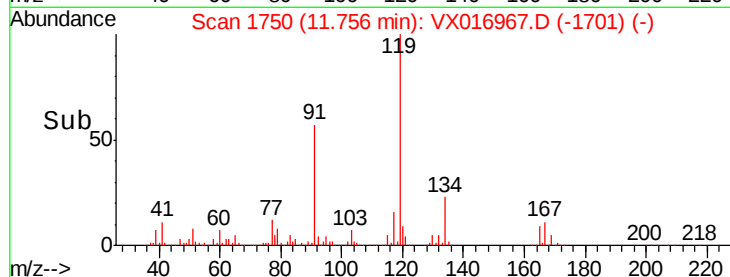
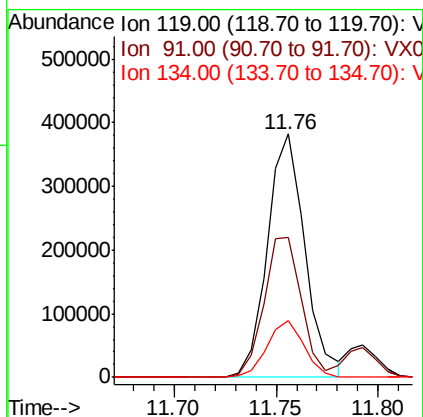
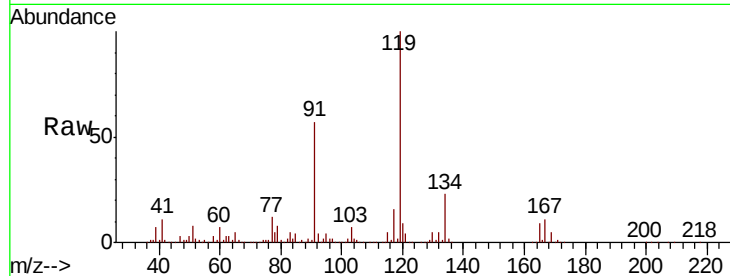
#83
tert-Butylbenzene
Concen: 50.963 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Resp	Lower	Upper
119	100	490377		
91	57.4	30.0	90.0	
134	22.7	11.8	35.3	

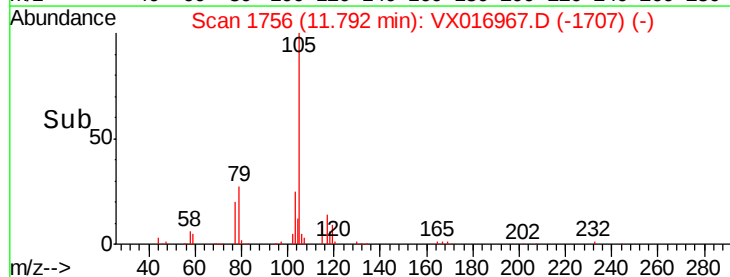
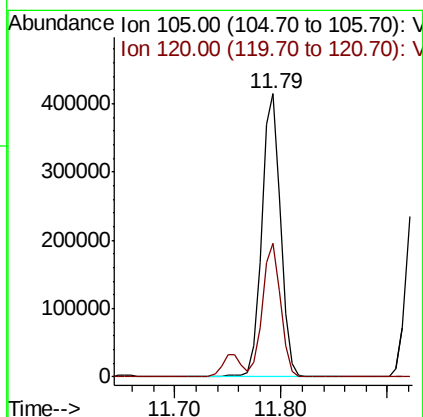
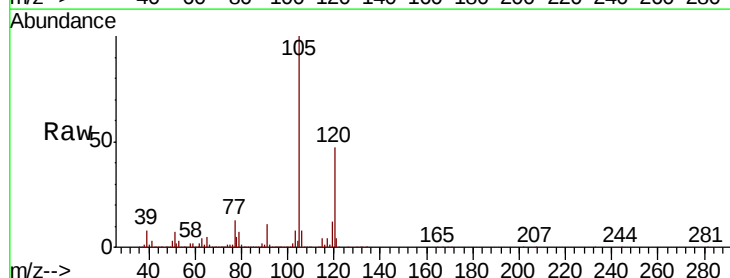
Manual Integrations
APPROVED

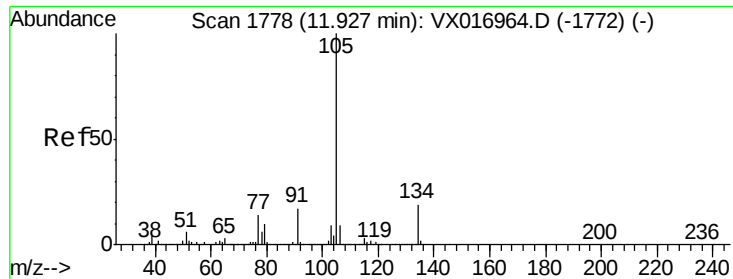
MMDadoda
6/29/2020 12:32:32 PM



#84
1,2,4-Trimethylbenzene
Concen: 50.918 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	508843		
120	45.9	22.4	67.3	





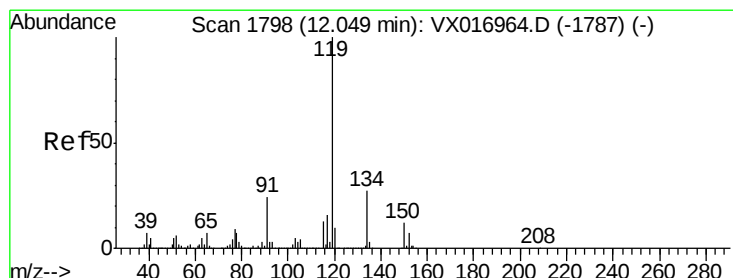
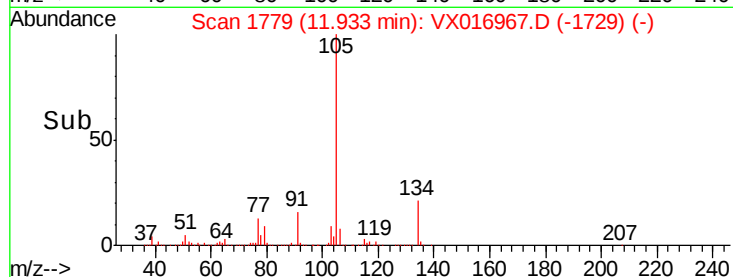
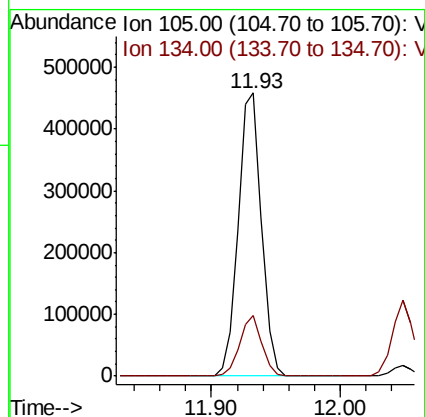
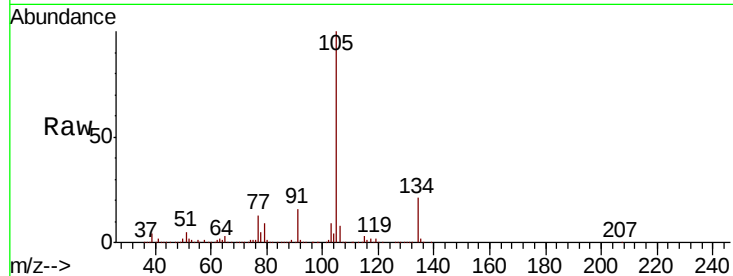
#85
 sec-Butylbenzene
 Concen: 51.116 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062620

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.1

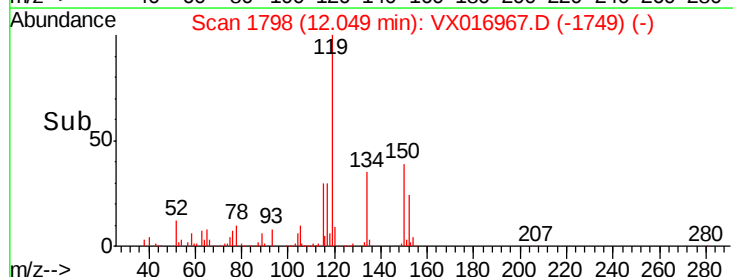
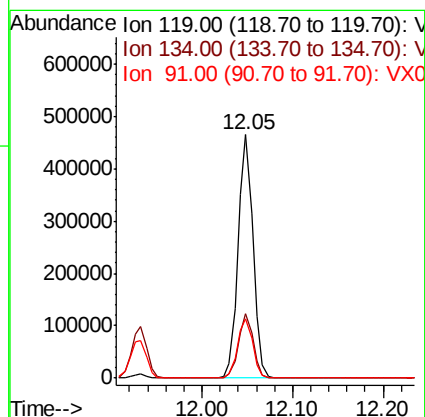
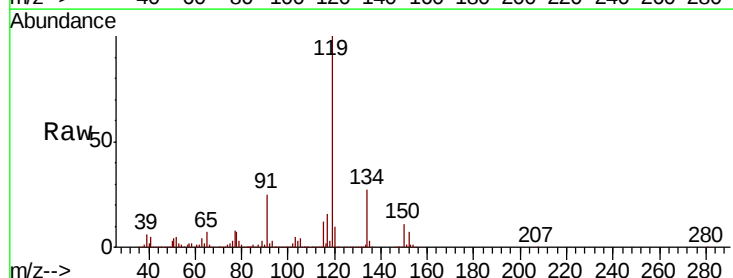
Manual Integrations
 APPROVED

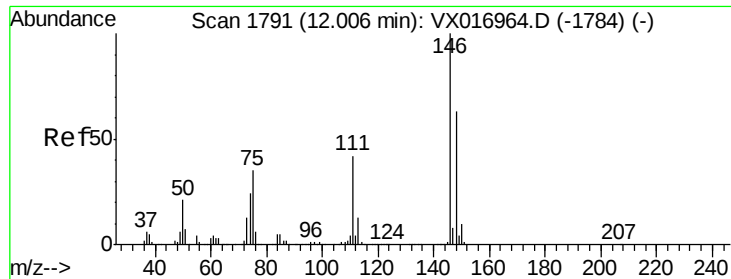
MMDadoda
 6/29/2020 12:32:32 PM



#86
 p-Isopropyltoluene
 Concen: 51.665 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.3
91	24.8	12.4	37.4





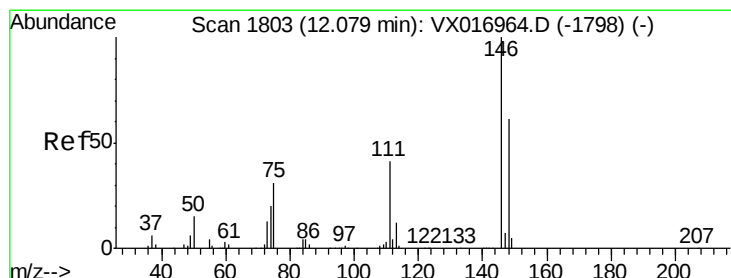
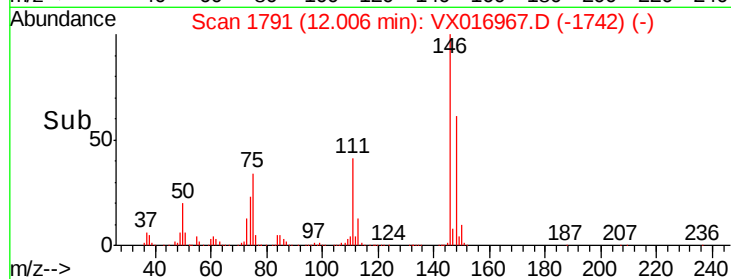
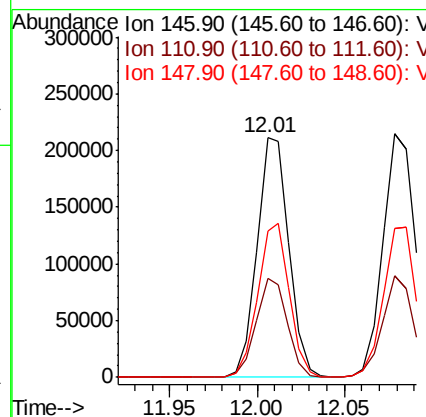
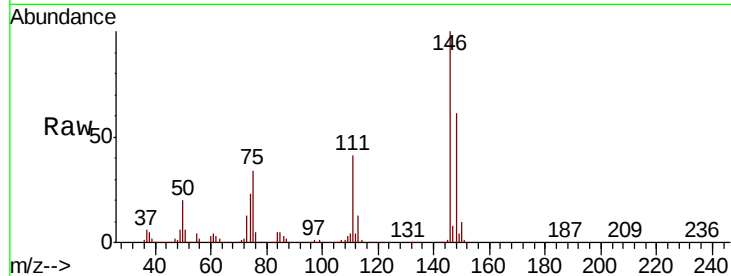
#87
 1,3-Dichlorobenzene
 Concen: 48.534 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062620

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	63.7	32.1	96.3

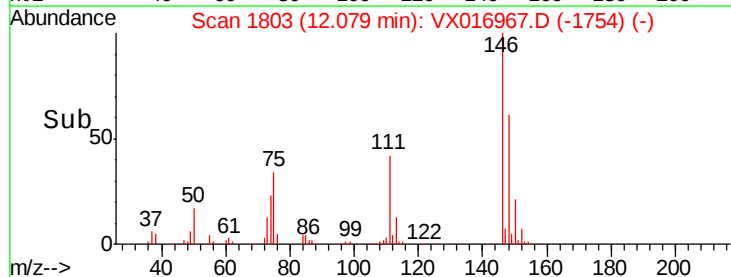
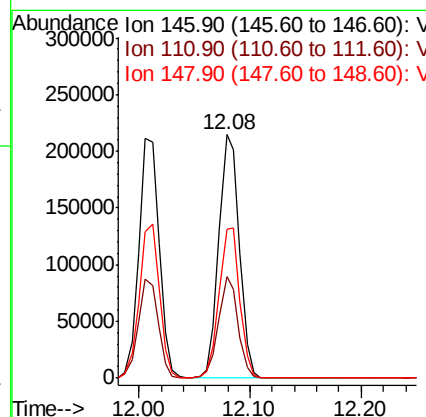
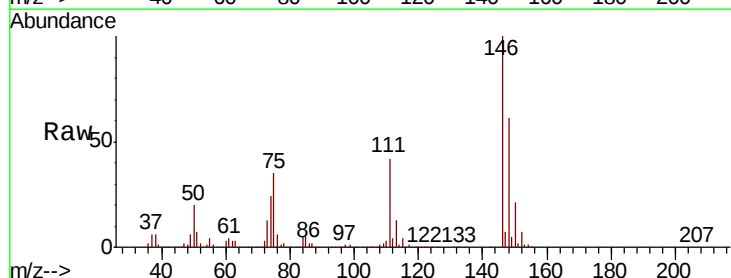
Manual Integrations
 APPROVED

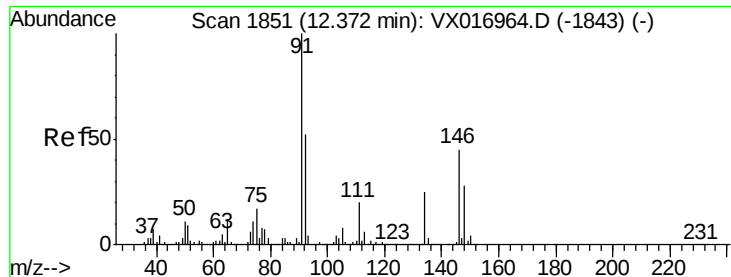
MMDadoda
 6/29/2020 12:32:32 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.464 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016967.D
 Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	62.0	31.3	93.9





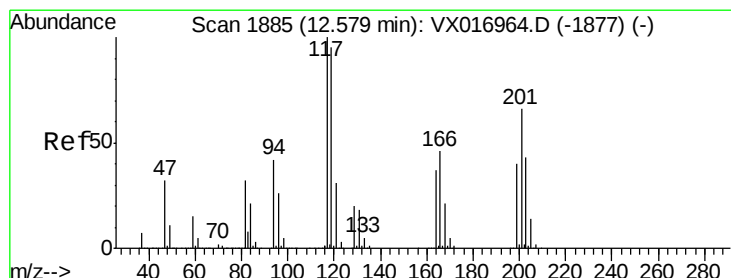
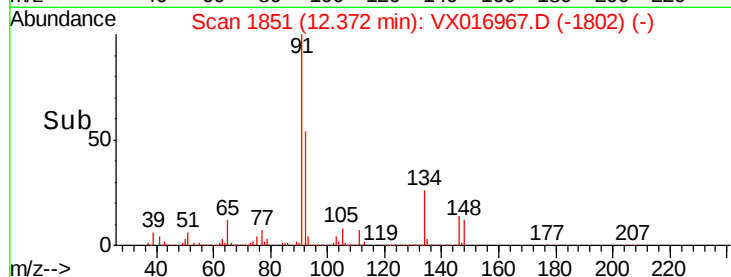
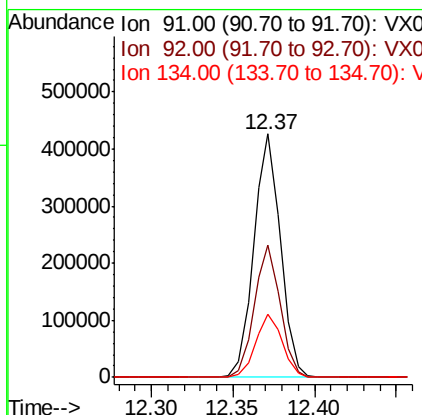
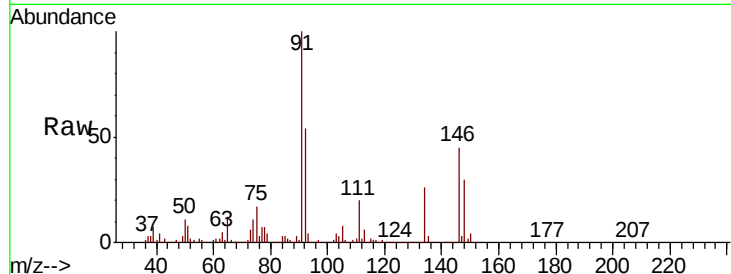
#89
n-Butylbenzene
Concen: 50.194 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.7
134	25.9	12.6	37.8

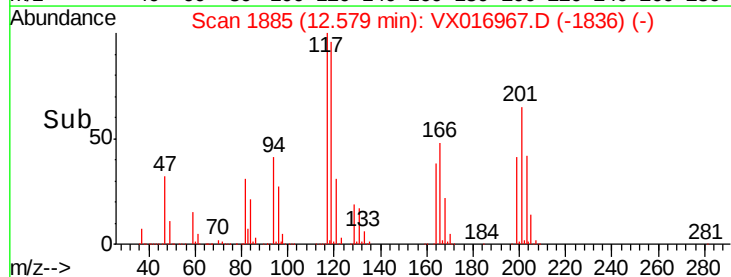
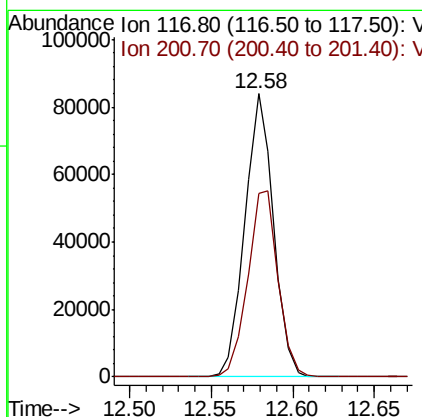
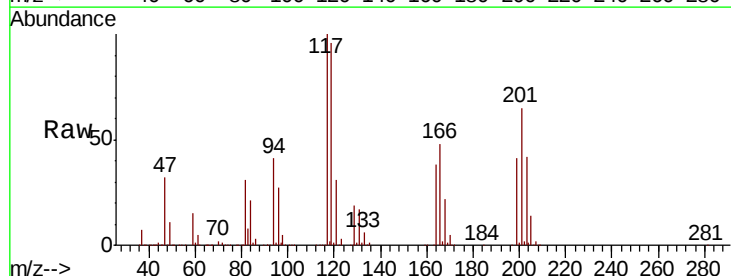
Manual Integrations
APPROVED

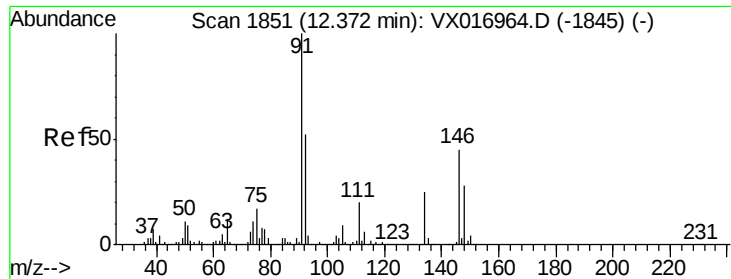
MMDadoda
6/29/2020 12:32:32 PM



#90
Hexachloroethane
Concen: 48.218 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.6	34.0	102.0





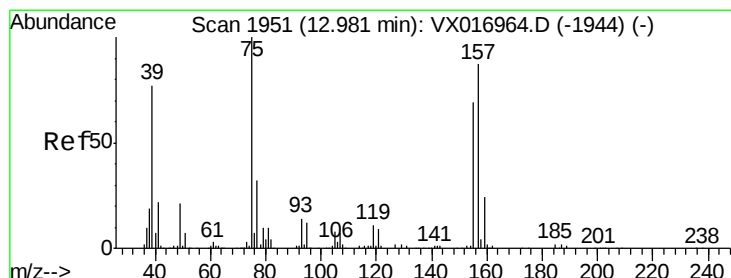
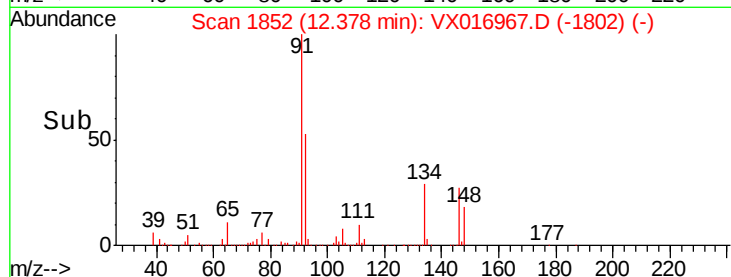
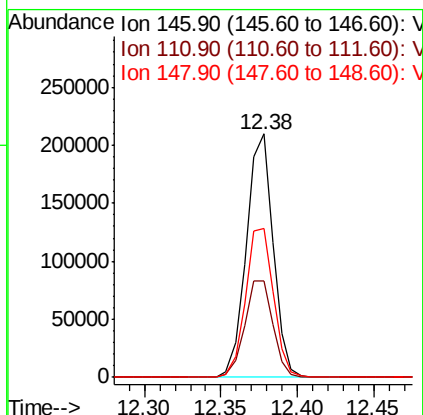
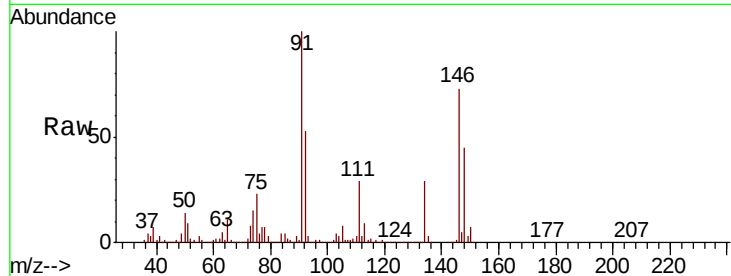
#91
1,2-Dichlorobenzene
Concen: 48.612 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVX062620

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.6	64.6
148	63.8	31.9	95.7

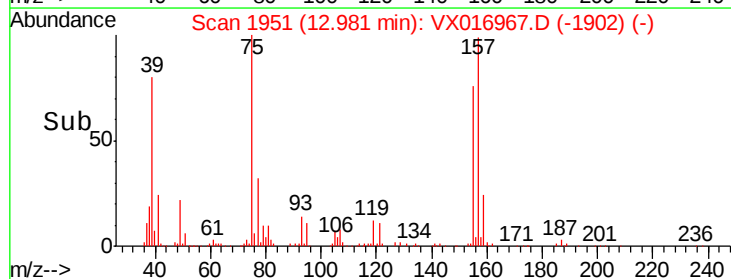
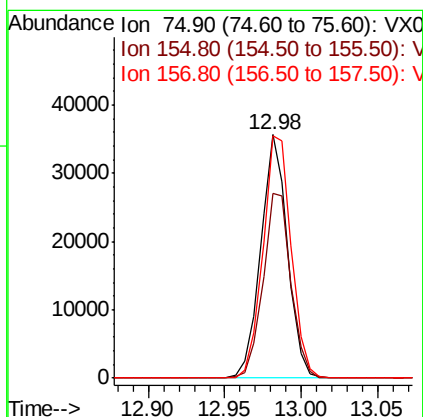
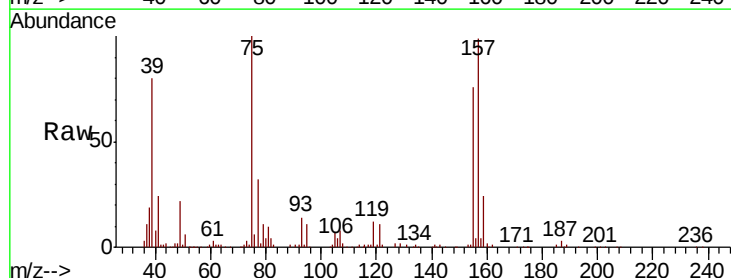
Manual Integrations
APPROVED

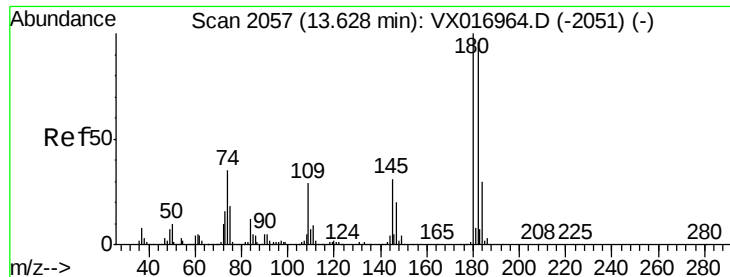
MMDadoda
6/29/2020 12:32:32 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.491 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	39.0	117.0
157	105.3	50.0	150.1





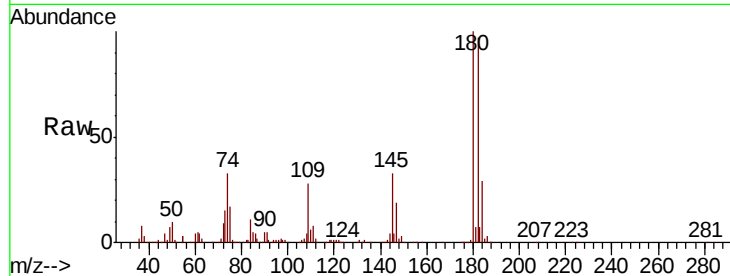
#93
1,2,4-Trichlorobenzene
Concen: 49.297 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062620

Tot Ion	Ratio	Resp	Lower	Upper
180	100	168456		
182	94.9	46.4	139.1	
145	32.3	15.5	46.5	

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM

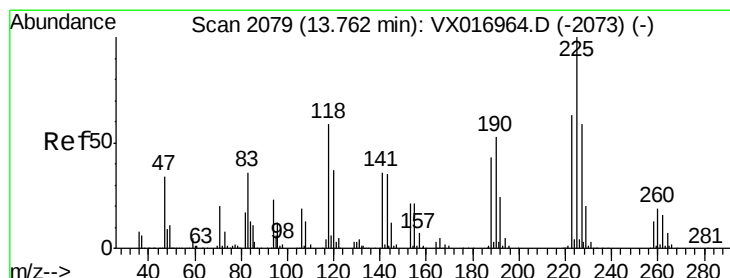
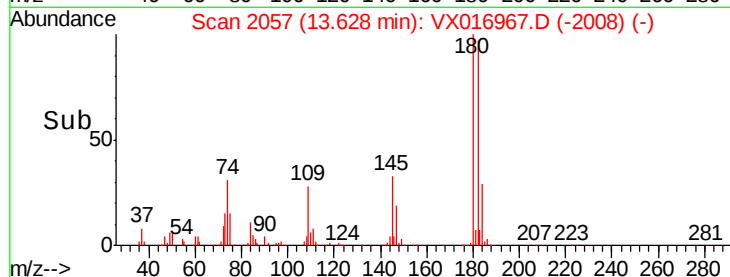
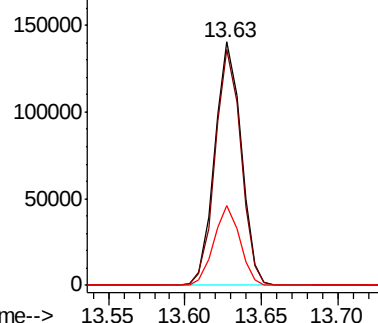


Abundance

Ion 179.80 (179.50 to 180.50): V

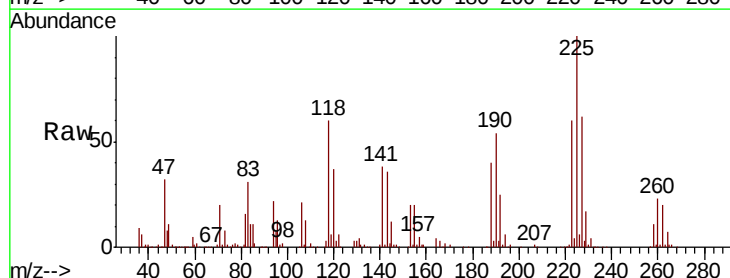
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 51.347 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX016967.D
Acq: 25 Jun 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63037		
223	60.9	31.1	93.2	
227	63.7	30.3	90.9	

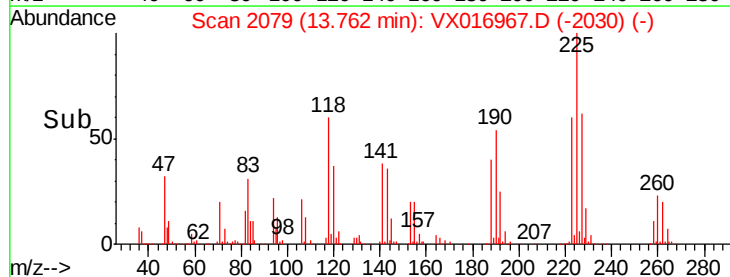
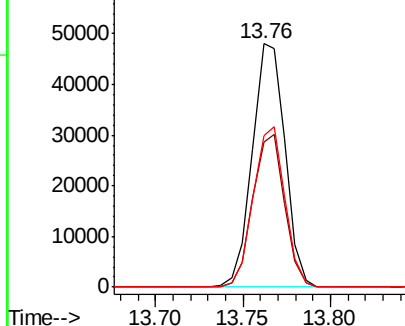


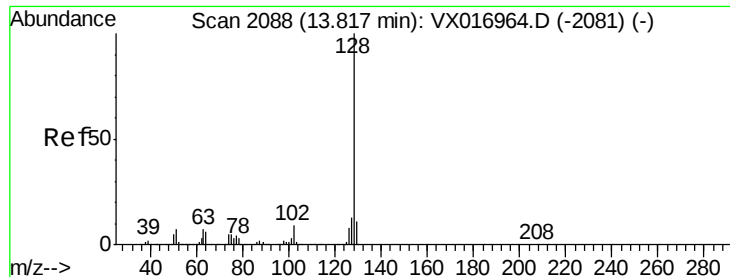
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.756 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Instrument :

MSVOA_X

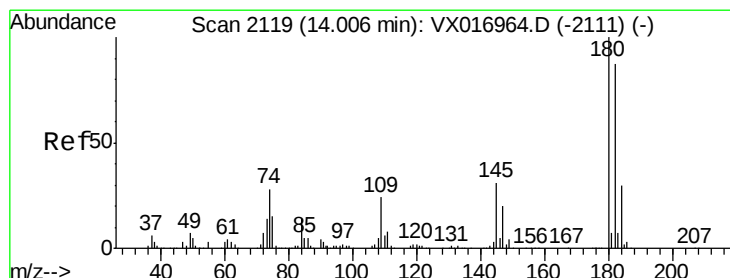
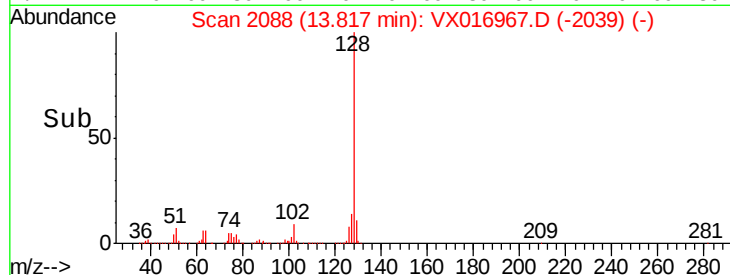
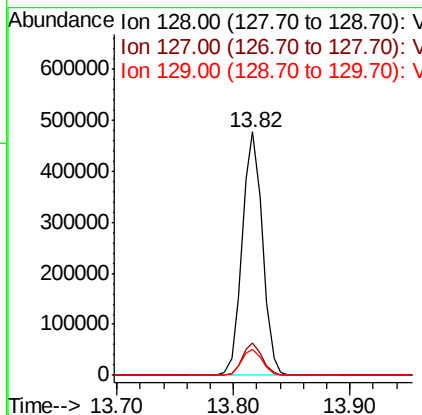
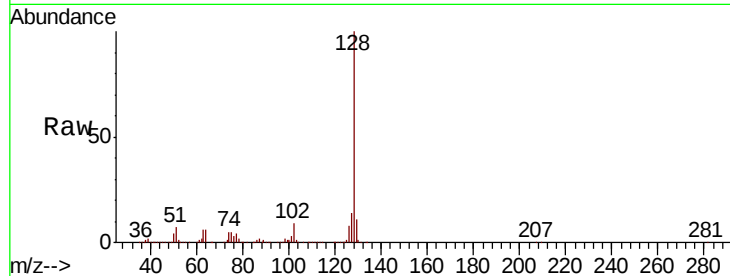
ClientSampleId :

ICVVX062620

Tot Ion:	128	Resp:	581188
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:32 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.691 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016967.D

Acq: 25 Jun 2020 21:08

Tgt Ion:	180	Resp:	166126
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.8	143.3
145	33.0	16.9	50.6

