

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081920\
 Data File : VX017969.D
 Acq On : 18 Aug 2020 22:15
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX081920

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 5:11:46 PM

Quant Time: Aug 19 03:41:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 03:34:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	410622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	672989	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	719605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	387772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	270259	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.46	113	212920	42.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.98%	
50) Toluene-d8	8.70	98	720909	40.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.38%	
62) 4-Bromofluorobenzene	11.12	95	298040	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	277350	44.803	ug/l	97
3) Chloromethane	1.31	50	286708	51.056	ug/l	97
4) Vinyl Chloride	1.39	62	262852	45.426	ug/l	100
5) Bromomethane	1.62	94	170289	54.189	ug/l	100
6) Chloroethane	1.71	64	157903	51.275	ug/l	99
7) Trichlorofluoromethane	1.91	101	398724	46.370	ug/l	98
8) Diethyl Ether	2.17	74	130168	51.941	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	178401	44.113	ug/l	99
10) Methyl Iodide	2.49	142	230688	44.235	ug/l	99
11) Tert butyl alcohol	3.02	59	311344	267.894	ug/l	100
12) 1,1-Dichloroethene	2.36	96	166487	44.982	ug/l	93
13) Acrolein	2.27	56	151827	247.305	ug/l	98
14) Allyl chloride	2.70	41	296383	44.899	ug/l	98
15) Acrylonitrile	3.12	53	705470	277.953	ug/l	100
16) Acetone	2.42	43	622740	262.970	ug/l	99
17) Carbon Disulfide	2.55	76	414085	46.112	ug/l	99
18) Methyl Acetate	2.75	43	291684	48.949	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	814646	57.570	ug/l	99
20) Methylene Chloride	2.83	84	230660	52.867	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	194868	51.214	ug/l	97
22) Diisopropyl ether	3.82	45	776372	56.105	ug/l	98
23) Vinyl Acetate	3.78	43	2919610	276.094	ug/l	100
24) 1,1-Dichloroethane	3.67	63	395436	51.549	ug/l	98
25) 2-Butanone	4.64	43	960801	267.996	ug/l	97
26) 2,2-Dichloropropane	4.55	77	301555	43.170	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	241618	53.831	ug/l	96
28) Bromochloromethane	4.98	49	189201	47.727	ug/l #	8
29) Tetrahydrofuran	5.09	42	581583	261.199	ug/l	99
30) Chloroform	5.18	83	417837	49.834	ug/l	100
31) Cyclohexane	5.55	56	293765	47.226	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	350384	46.066	ug/l	99
36) 1,1-Dichloropropene	5.77	75	241334	42.843	ug/l	98
37) Ethyl Acetate	4.79	43	321833	47.752	ug/l	100
38) Carbon Tetrachloride	5.76	117	311412	42.716	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 03:34:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	287609	40.030	ug/l	95
40) Benzene	6.11	78	746586	44.005	ug/l	99
41) Methacrylonitrile	5.01	41	189521	49.061	ug/l	98
42) 1,2-Dichloroethane	6.16	62	346801	48.122	ug/l	99
43) Isopropyl Acetate	6.41	43	509514	46.831	ug/l	99
44) Trichloroethene	7.18	130	216367	43.004	ug/l	95
45) 1,2-Dichloropropane	7.49	63	242814	49.951	ug/l	100
46) Dibromomethane	7.63	93	168369	49.628	ug/l	98
47) Bromodichloromethane	7.87	83	349966	47.517	ug/l	96
48) Methyl methacrylate	7.74	41	264491	49.038	ug/l	96
49) 1,4-Dioxane	7.71	88	110294	998.848	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1772618	241.985	ug/l	99
52) Toluene	8.76	92	496427	44.723	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	395867	50.819	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	370250	45.586	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	246261	48.293	ug/l	98
56) Ethyl methacrylate	9.16	69	379229	52.599	ug/l	97
57) 1,3-Dichloropropane	9.35	76	429338	53.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	827777	237.090	ug/l	99
59) 2-Hexanone	9.48	43	1444934	260.316	ug/l	99
60) Dibromochloromethane	9.57	129	318938	50.079	ug/l	96
61) 1,2-Dibromoethane	9.65	107	272511	48.246	ug/l	99
64) Tetrachloroethene	9.32	164	223794	40.723	ug/l	99
65) Chlorobenzene	10.12	112	660791	46.261	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	270479	44.764	ug/l	99
67) Ethyl Benzene	10.23	91	1071783	45.515	ug/l	98
68) m/p-Xylenes	10.34	106	803937	88.681	ug/l	98
69) o-Xylene	10.68	106	390635	44.685	ug/l	99
70) Styrene	10.70	104	685576	45.457	ug/l	98
71) Bromoform	10.84	173	237536	43.799	ug/l	100
73) Isopropylbenzene	11.00	105	1037054	41.550	ug/l	100
74) N-amyl acetate	10.88	43	528573	47.612	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	407830	46.840	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	401938m	48.740	ug/l	
77) Bromobenzene	11.24	156	325520	47.008	ug/l	99
78) n-propylbenzene	11.35	91	1317250	45.123	ug/l	100
79) 2-Chlorotoluene	11.40	91	822823	46.251	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1010120	46.106	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	128440	40.917	ug/l	96
82) 4-Chlorotoluene	11.49	91	992670	47.448	ug/l	100
83) tert-Butylbenzene	11.76	119	971889	46.974	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1044012	46.030	ug/l	98
85) sec-Butylbenzene	11.93	105	1108030	44.364	ug/l	100
86) p-Isopropyltoluene	12.05	119	1058970	45.580	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	576323	45.727	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	575613	46.618	ug/l	99
89) n-Butylbenzene	12.37	91	899420	46.774	ug/l	99
90) Hexachloroethane	12.58	117	210023	45.452	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	562675	48.361	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105031	47.356	ug/l	98

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ICVVX081920

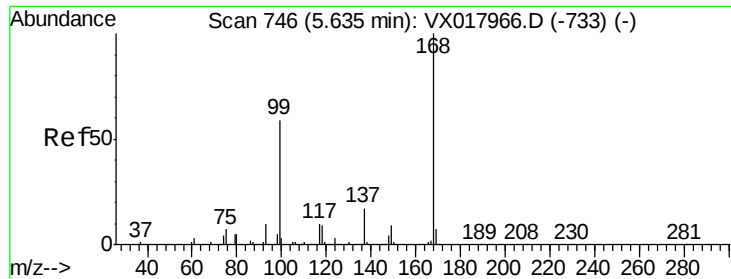
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	364637	47.639	ug/l	98
94) Hexachlorobutadiene	13.77	225	144444	44.220	ug/l	95
95) Naphthalene	13.82	128	1258666	52.095	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	378466	48.626	ug/l	100

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



#1

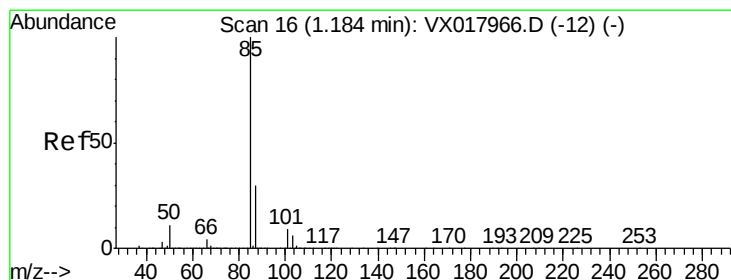
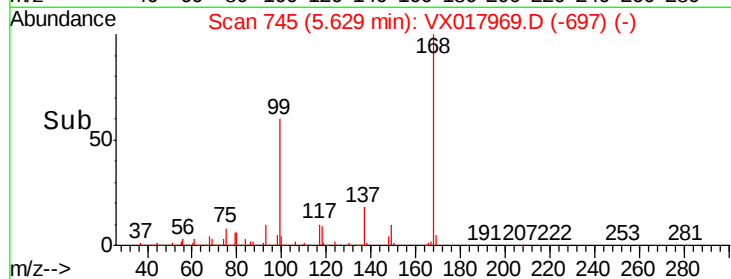
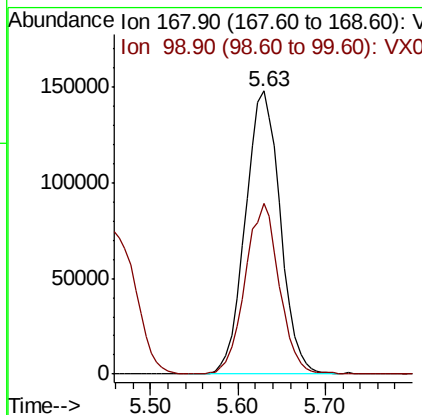
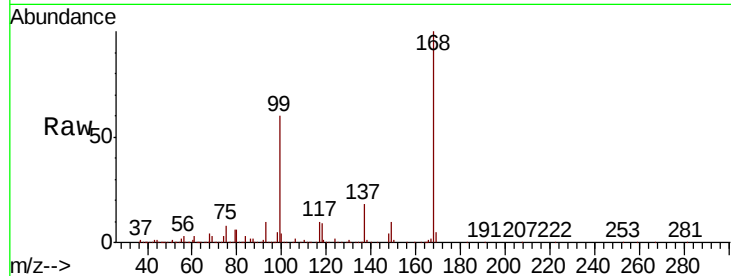
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081920

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.1	47.4	71.2

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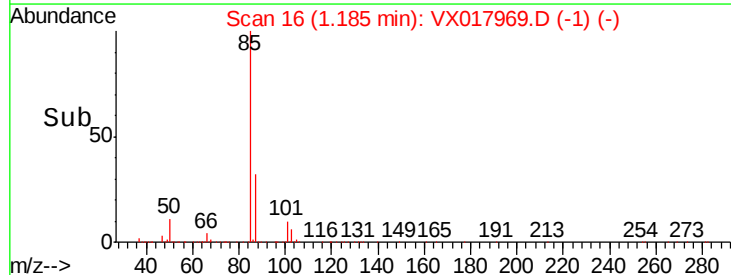
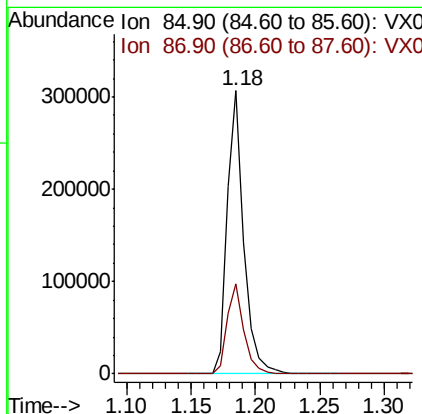
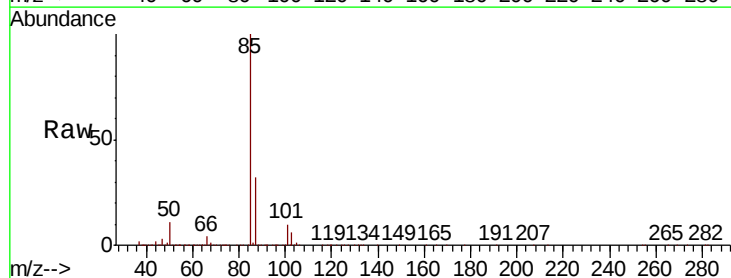
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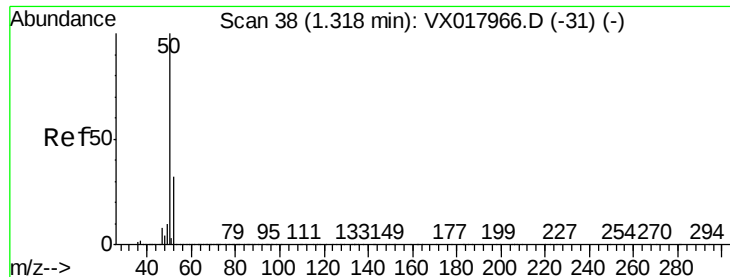


#2

Dichlorodifluoromethane
 Concen: 44.803 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.3	45.8





#3

Chloromethane

Concen: 51.056 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 50 Resp: 286708

Ion Ratio Lower Upper

50 100

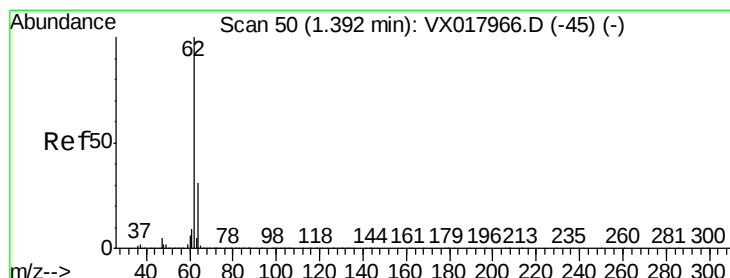
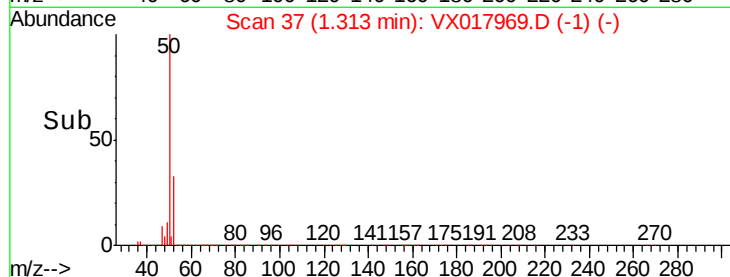
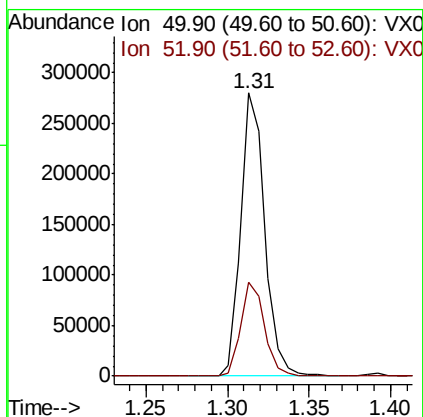
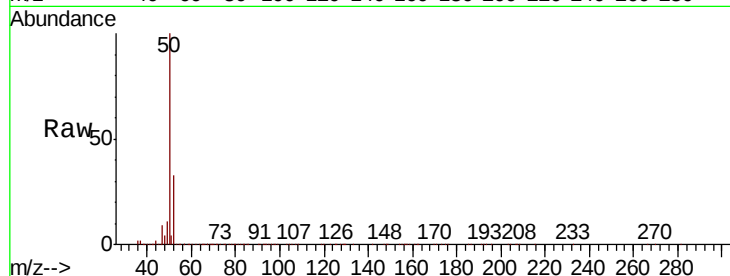
52 33.2 25.4 38.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.426 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017969.D

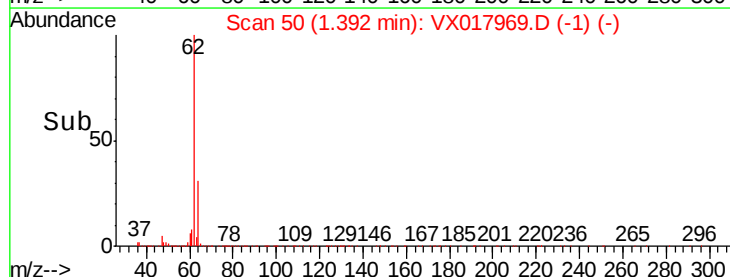
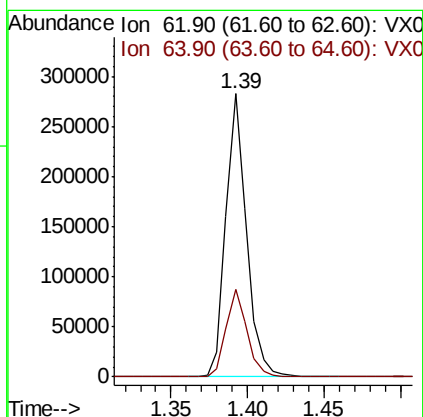
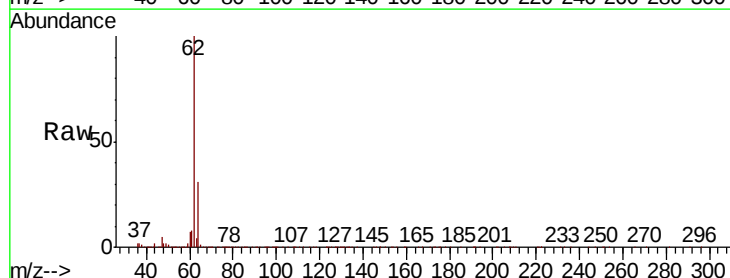
Acq: 18 Aug 2020 22:15

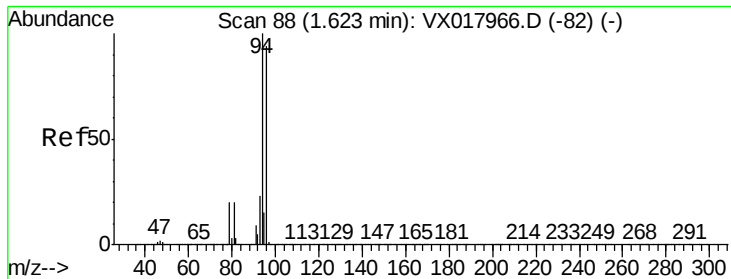
Tgt Ion: 62 Resp: 262852

Ion Ratio Lower Upper

62 100

64 31.1 24.7 37.1





#5

Bromomethane

Concen: 54.189 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 94 Resp: 170289

Ion Ratio Lower Upper

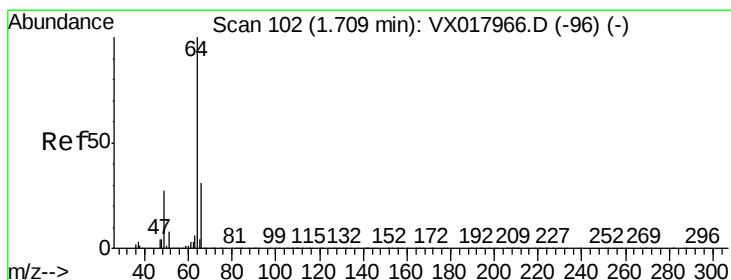
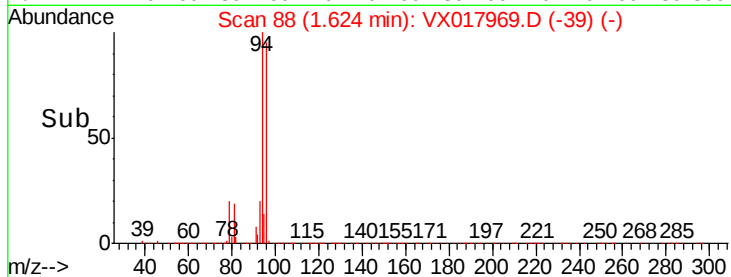
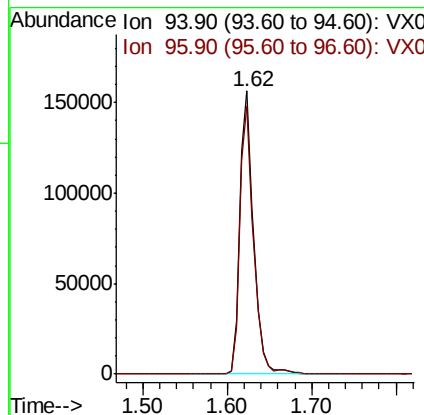
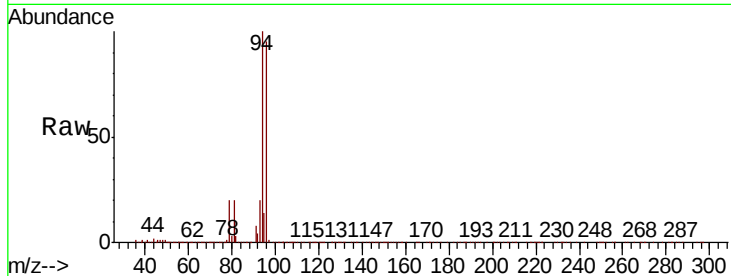
94 100

96 94.8 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 51.275 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017969.D

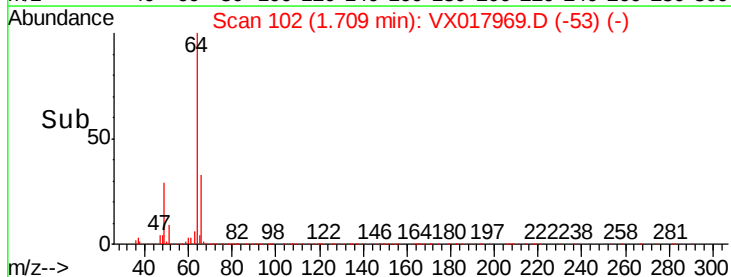
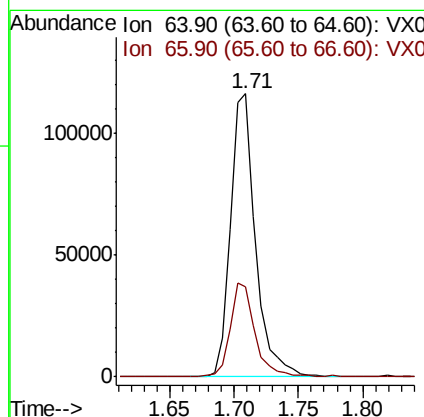
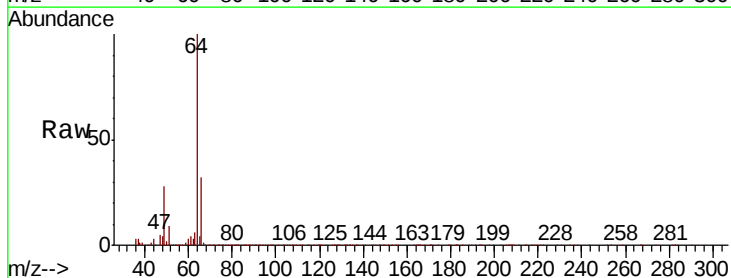
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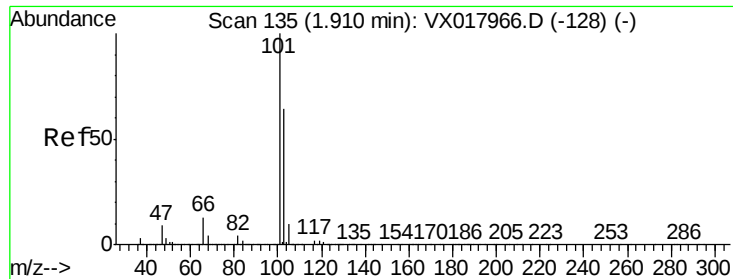
Tgt Ion: 64 Resp: 157903

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4





#7

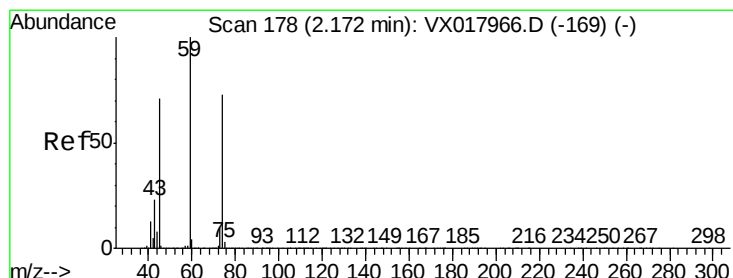
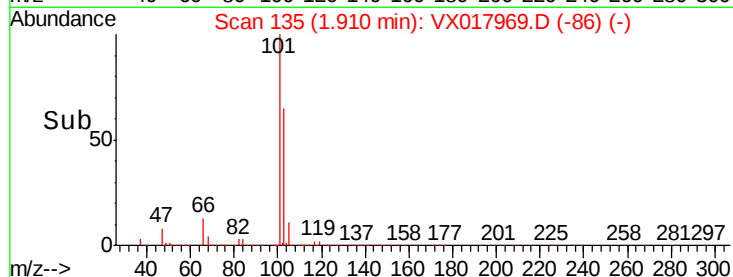
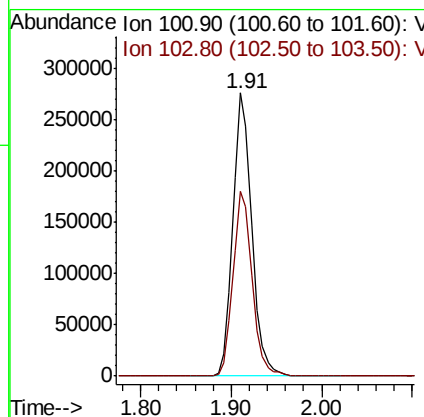
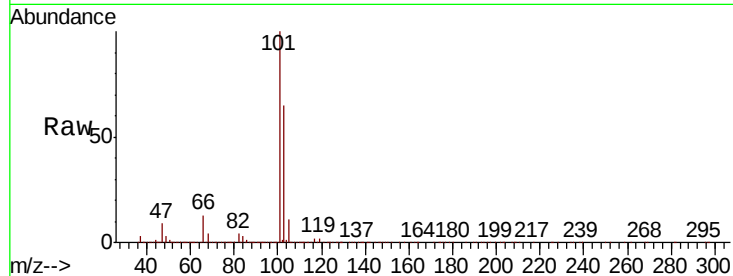
Trichlorofluoromethane
Concen: 46.370 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

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ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.2	76.8

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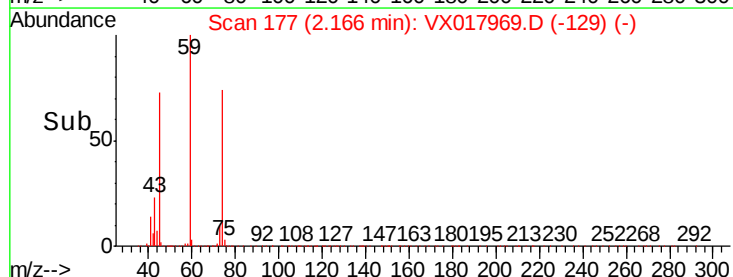
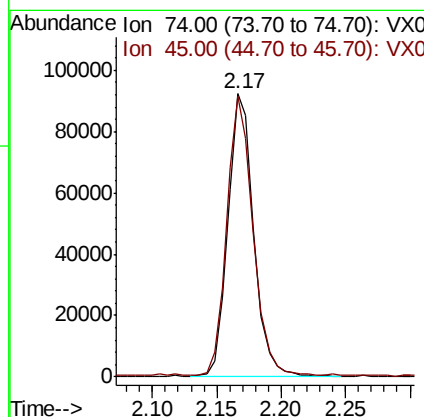
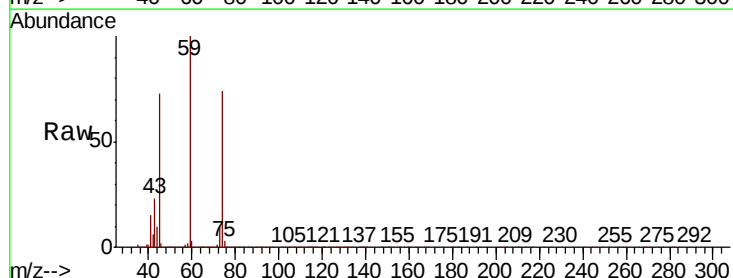
MMDadoda
8/24/2020 5:11:46 PM

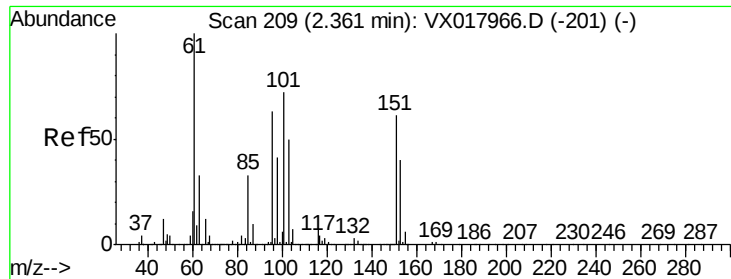


#8

Diethyl Ether
Concen: 51.941 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	50.5	151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.113 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

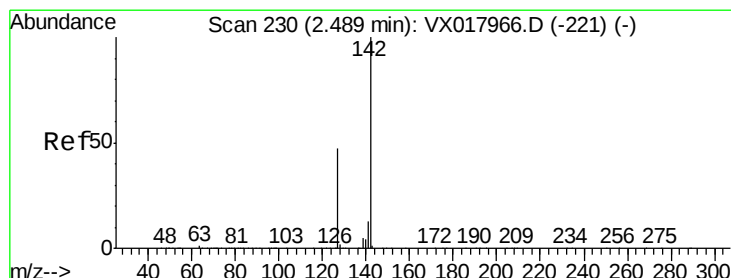
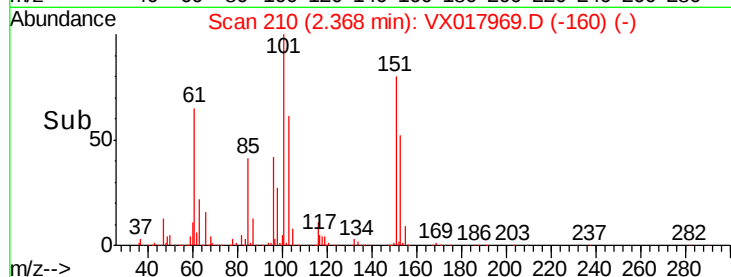
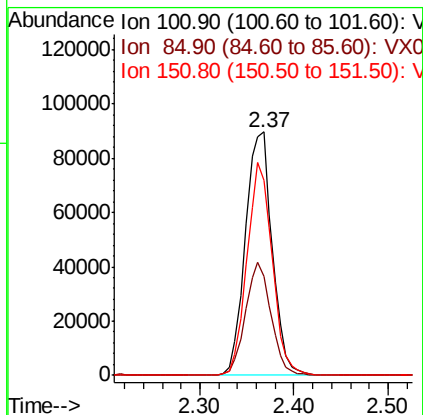
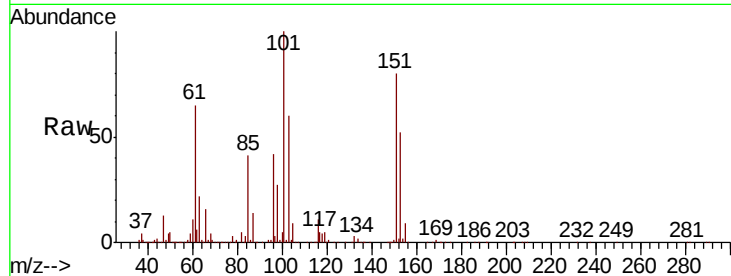
ClientSampleId :

ICVVX081920

Tot Ion	Ratio	Resp	Lower	Upper
101	100	178401		
85	44.1	35.4	53.2	
151	82.3	65.4	98.0	

Manual Integrations
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#10

Methyl Iodide

Concen: 44.235 ug/l

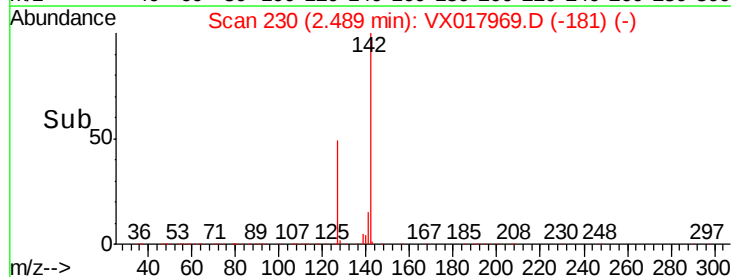
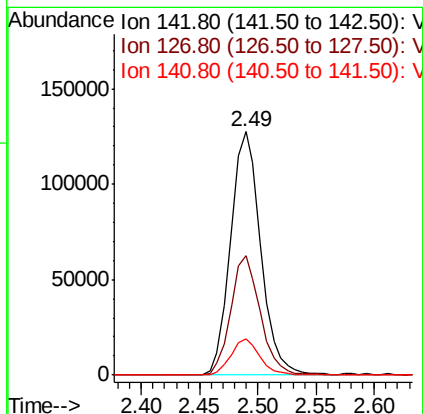
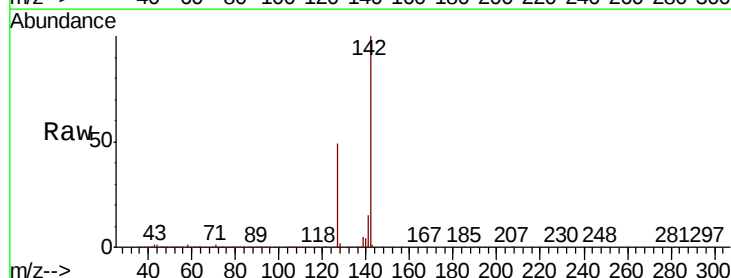
RT: 2.49 min Scan# 230

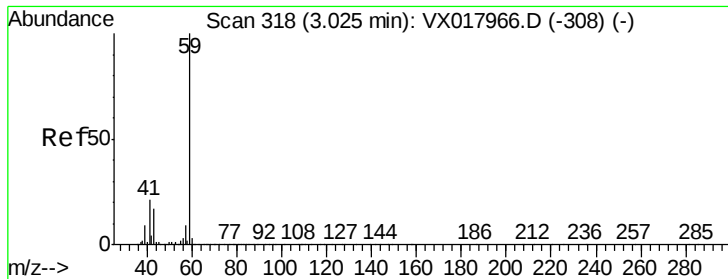
Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	230688		
127	48.0	38.0	57.0	
141	14.5	11.2	16.8	





#11

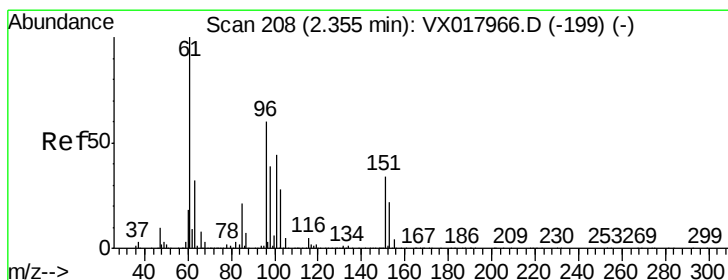
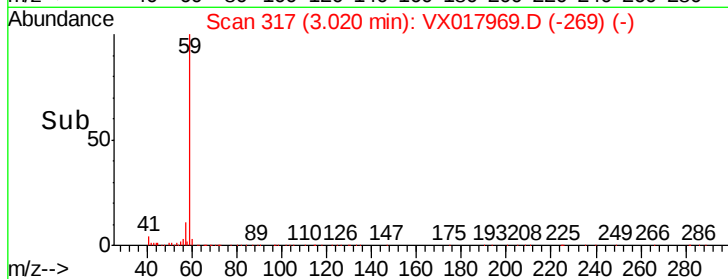
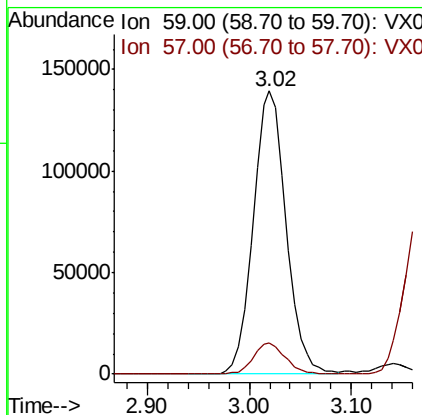
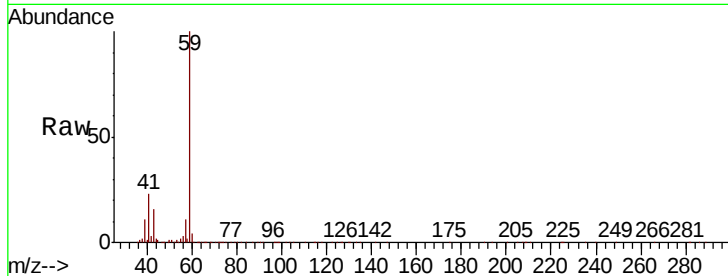
Tert butyl alcohol
Concen: 267.894 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	13.0

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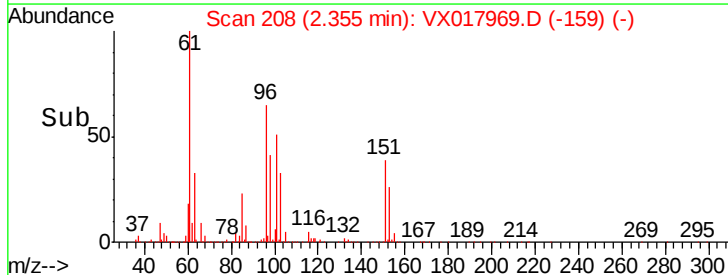
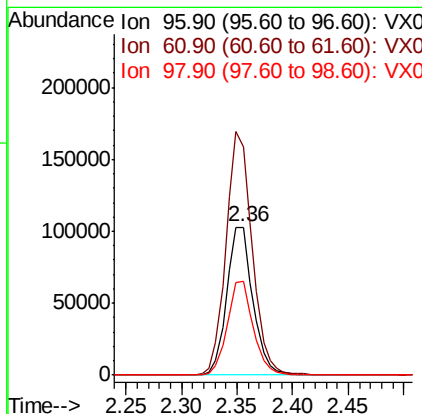
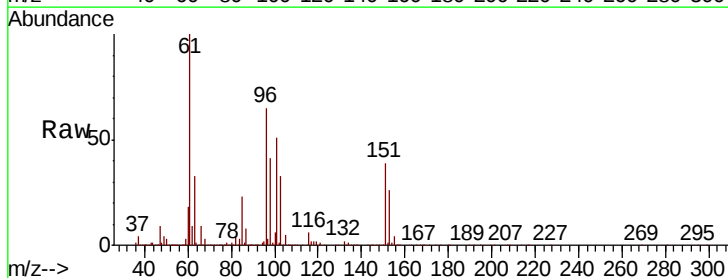
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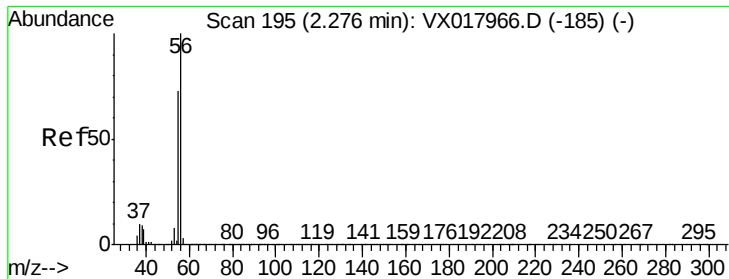


#12

1,1-Dichloroethene
Concen: 44.982 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.8	132.9	199.3
98	63.0	51.6	77.4





#13

Acrolein

Concen: 247.305 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 56 Resp: 151827

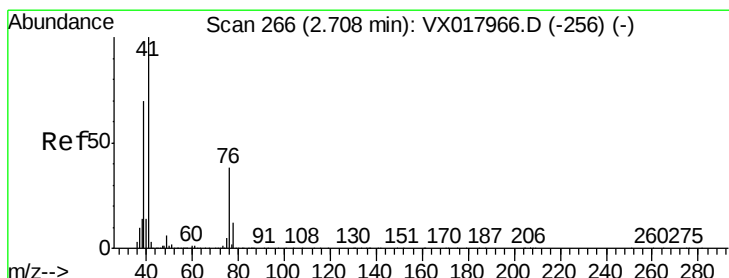
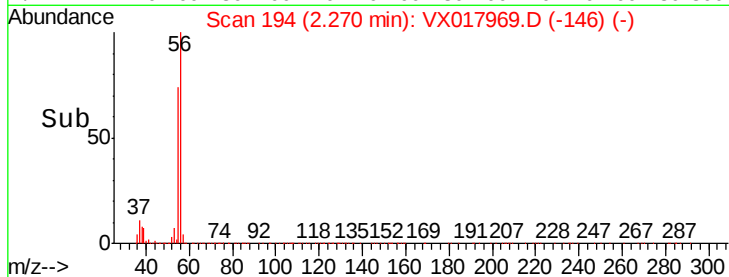
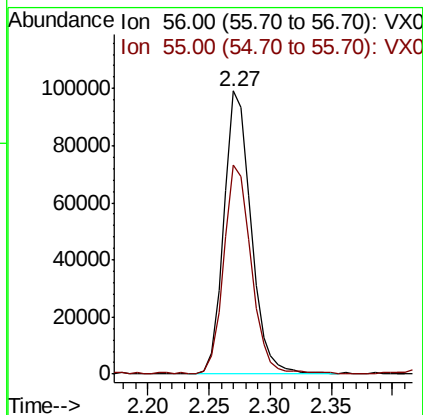
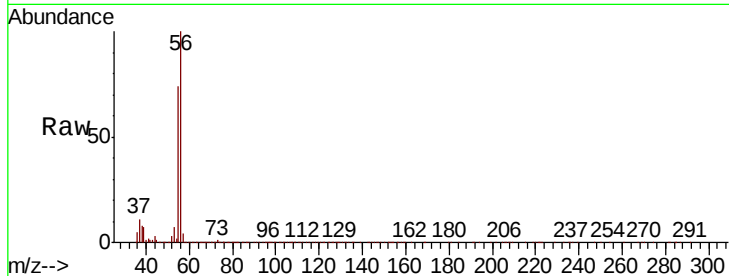
Ion Ratio Lower Upper

56 100

55 74.3 58.2 87.4

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#14

Allyl chloride

Concen: 44.899 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

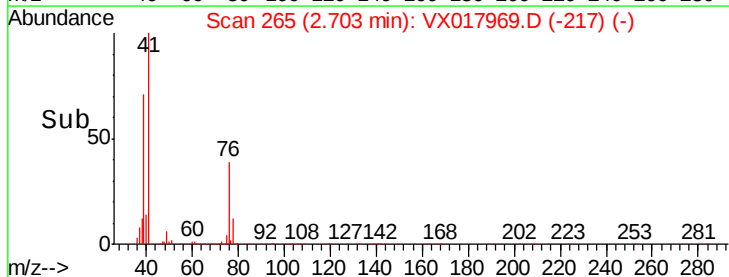
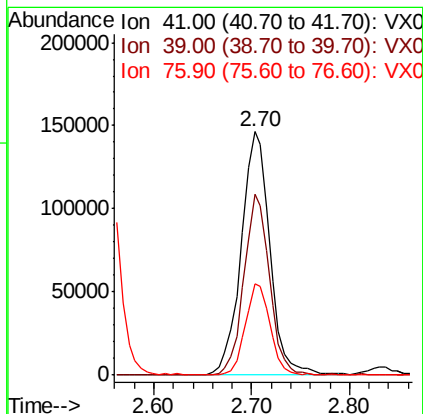
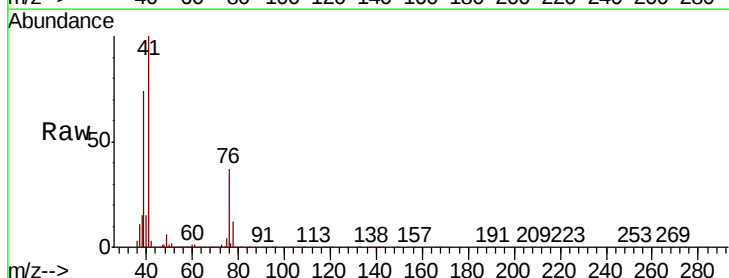
Tgt Ion: 41 Resp: 296383

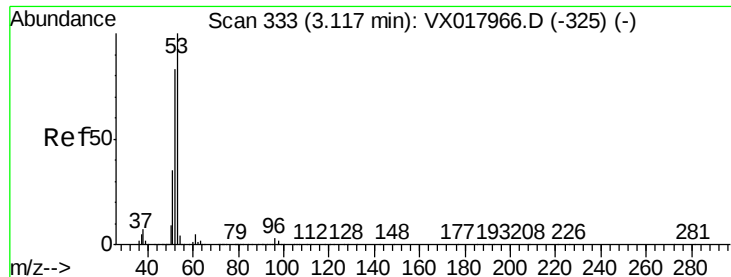
Ion Ratio Lower Upper

41 100

39 66.2 51.7 77.5

76 32.4 26.3 39.5





#15

Acrylonitrile

Concen: 277.953 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

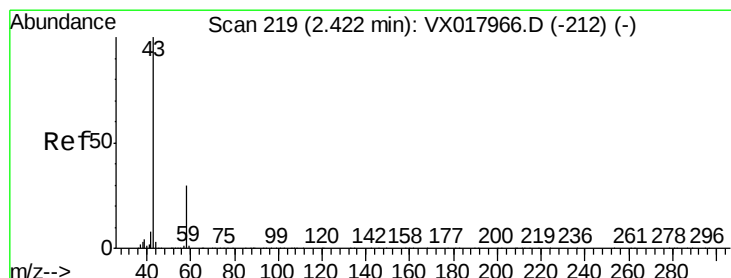
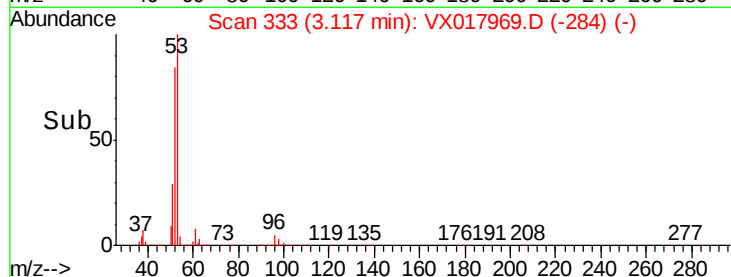
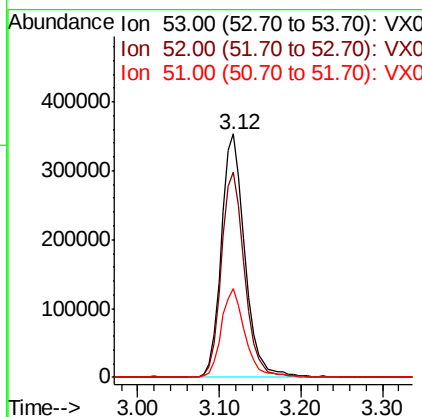
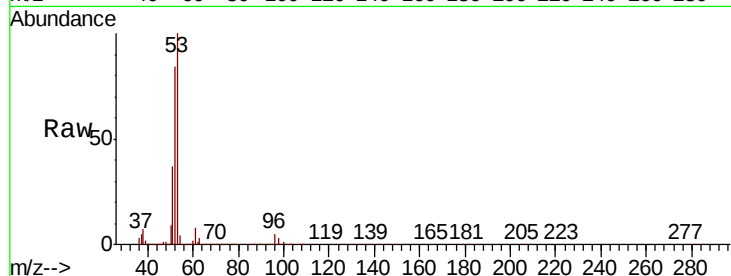
ClientSampleId :

ICVVX081920

Tot Ion:	53	Resp:	705470
Ion Ratio	Lower	Upper	
53	100		
52	83.5	67.1	100.7
51	36.6	29.2	43.8

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#16

Acetone

Concen: 262.970 ug/l

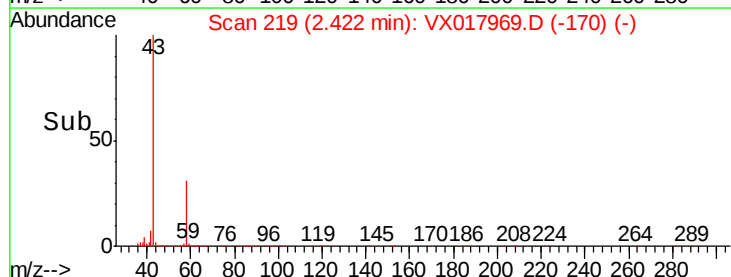
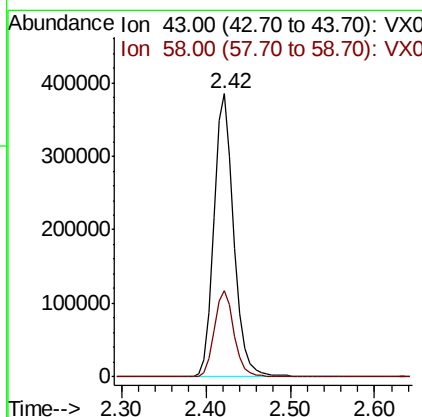
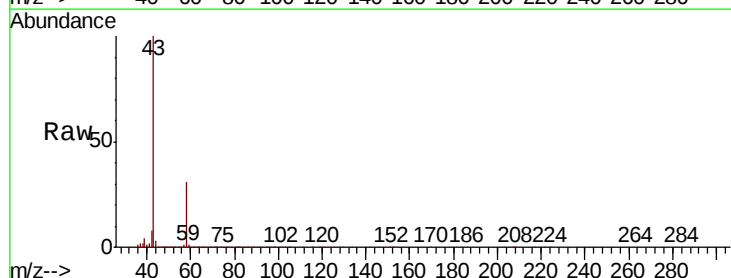
RT: 2.42 min Scan# 219

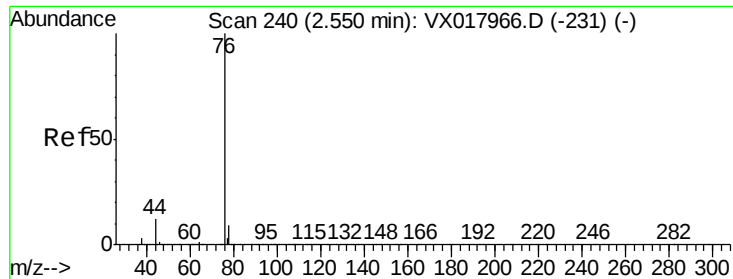
Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion:	43	Resp:	622740
Ion Ratio	Lower	Upper	
43	100		
58	30.5	23.8	35.8





#17

Carbon Disulfide

Concen: 46.112 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 76 Resp: 414085

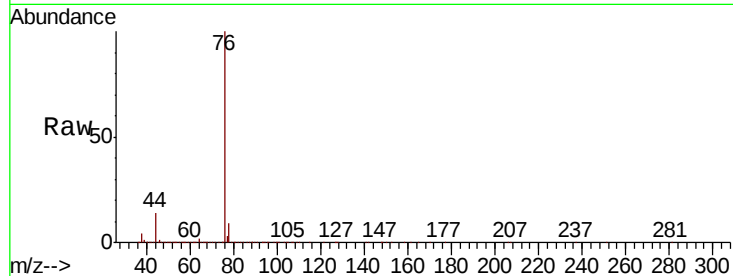
Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

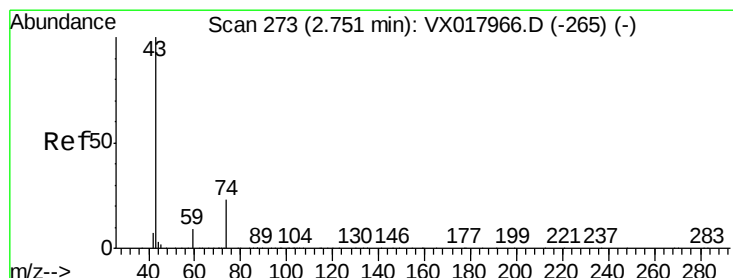
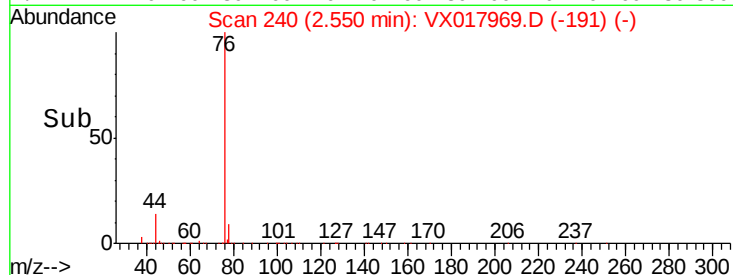
50000

0

2.50

2.60

Time-->



#18

Methyl Acetate

Concen: 48.949 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017969.D

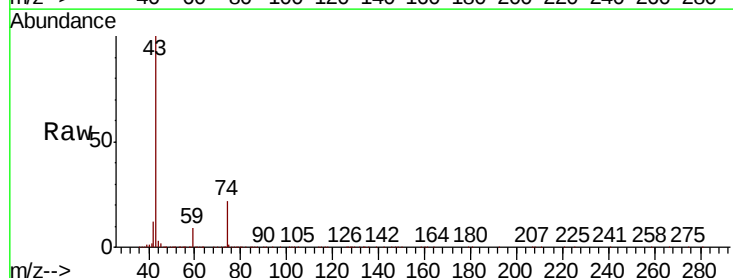
Acq: 18 Aug 2020 22:15

Tgt Ion: 43 Resp: 291684

Ion Ratio Lower Upper

43 100

74 23.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

50000

0

2.65

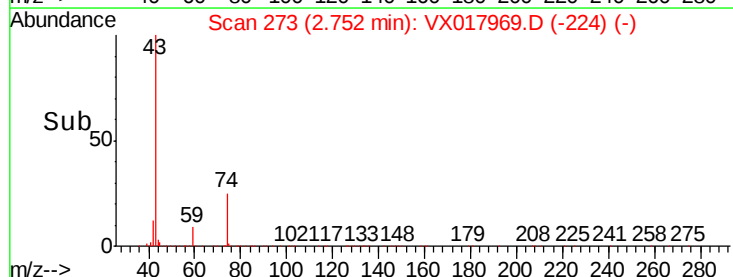
2.70

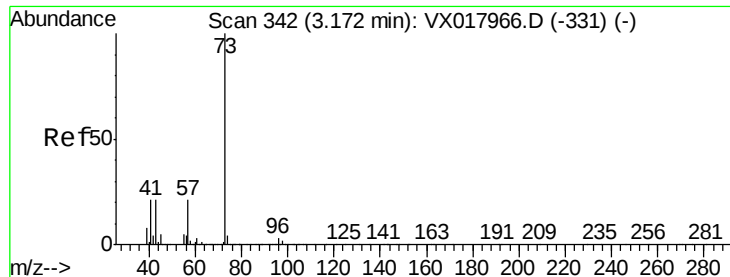
2.75

2.80

2.85

Time-->





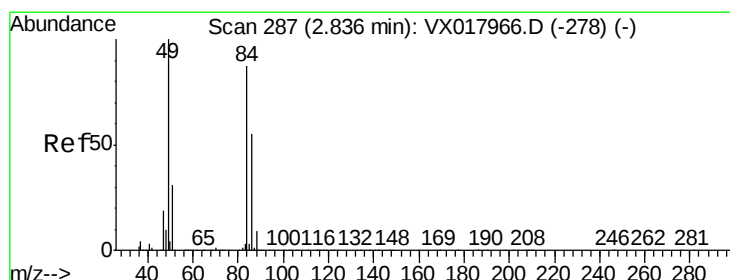
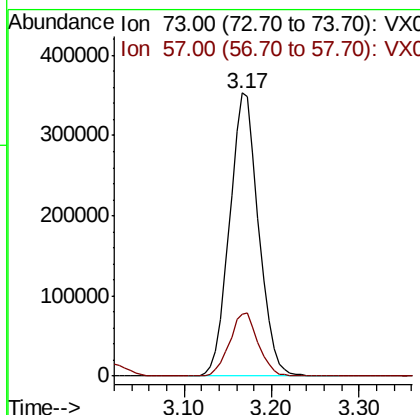
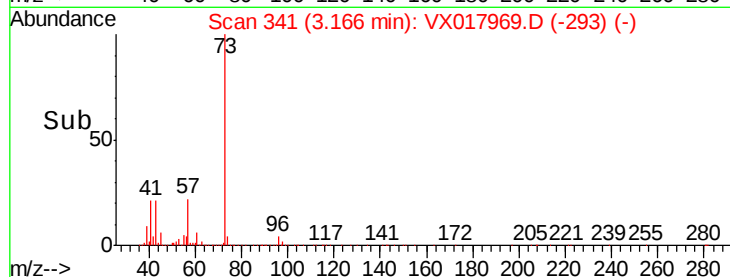
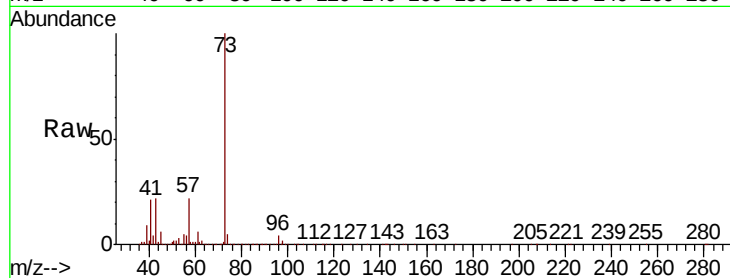
#19
Methvl tert-butvl Ether
Concen: 57.570 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.9	25.3

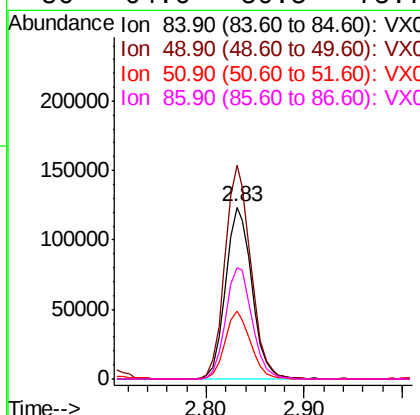
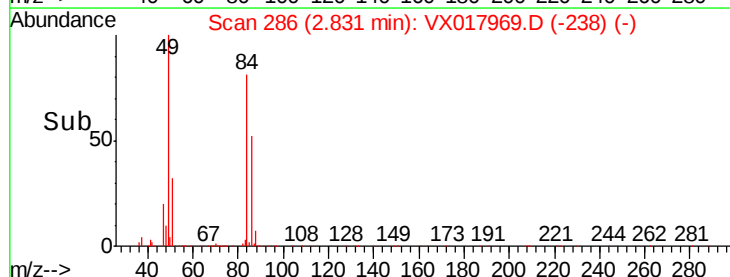
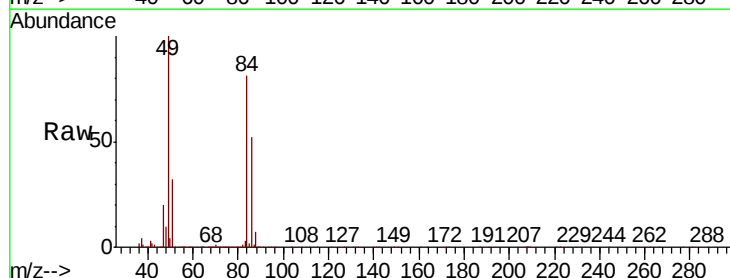
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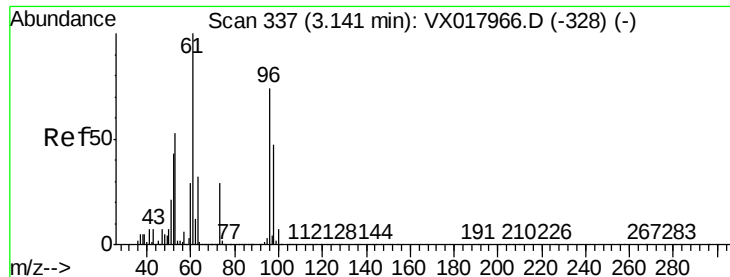
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#20
Methylene Chloride
Concen: 52.867 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	91.8	137.6
51	39.5	27.8	41.8
86	64.6	50.5	75.7





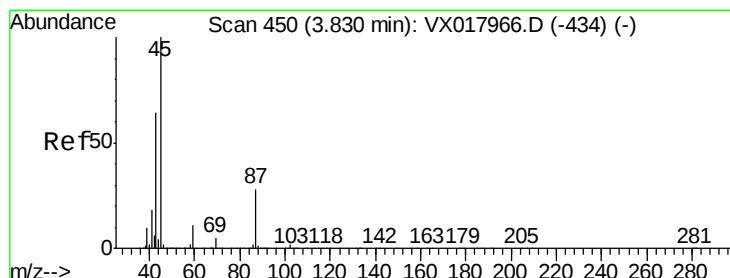
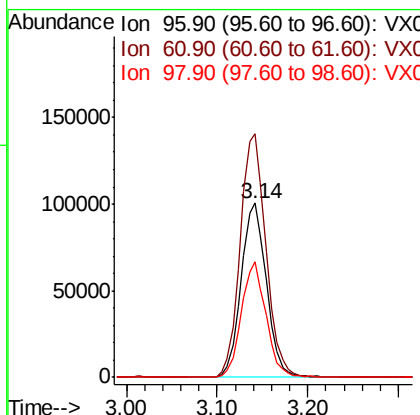
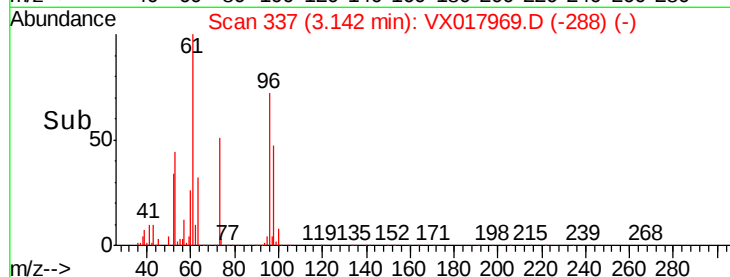
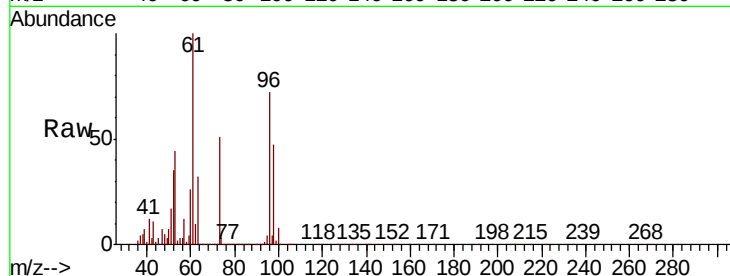
#21
trans-1,2-Dichloroethene
Concen: 51.214 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	108.6	163.0
98	66.0	51.4	77.0

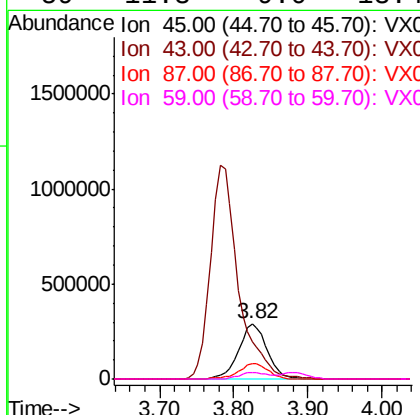
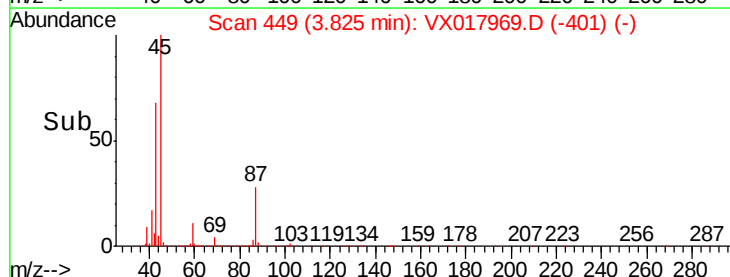
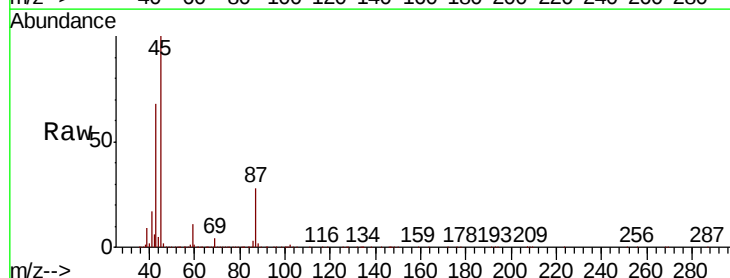
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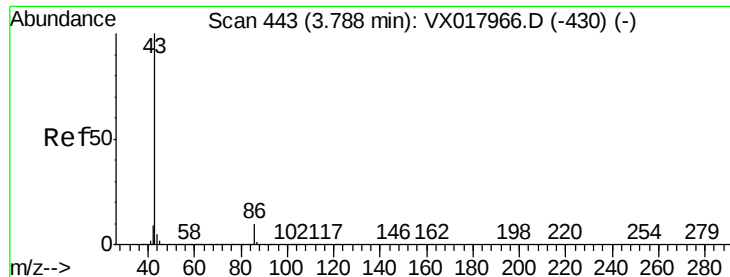
MMDadoda
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#22
Diisopropyl ether
Concen: 56.105 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.3	51.5	77.3
87	28.2	22.6	33.8
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 276.094 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 43 Resp: 2919610

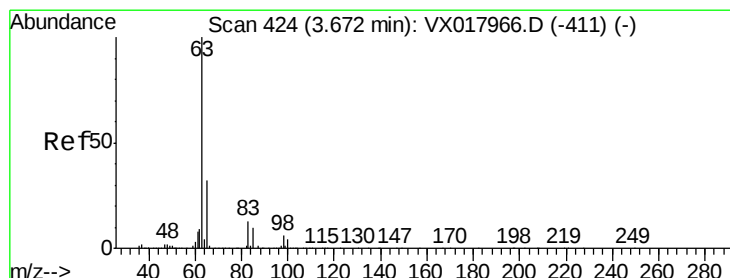
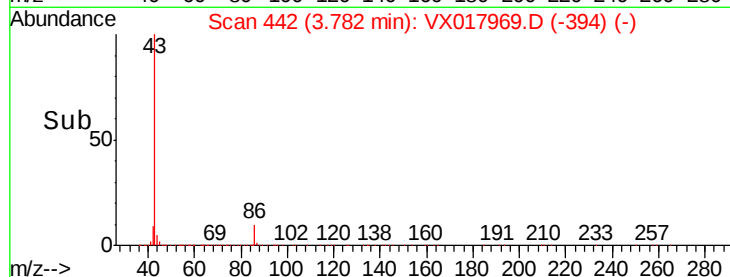
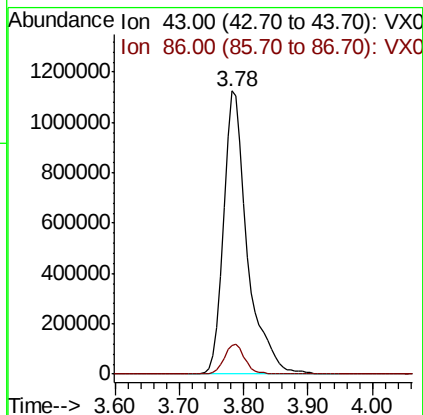
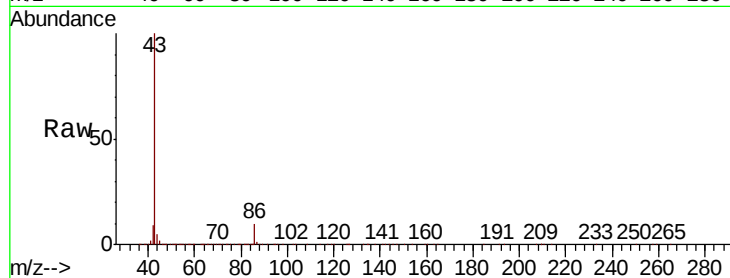
Ion Ratio Lower Upper

43 100

86 10.3 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 51.549 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

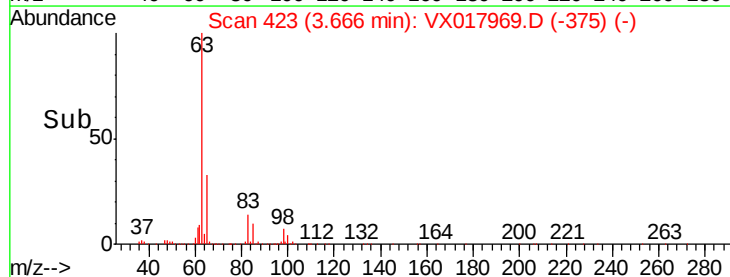
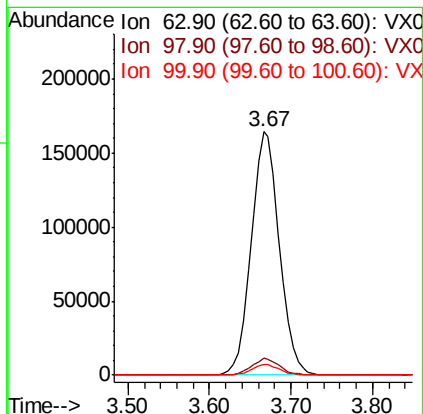
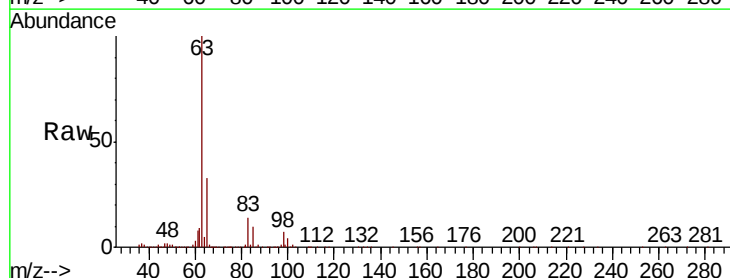
Tgt Ion: 63 Resp: 395436

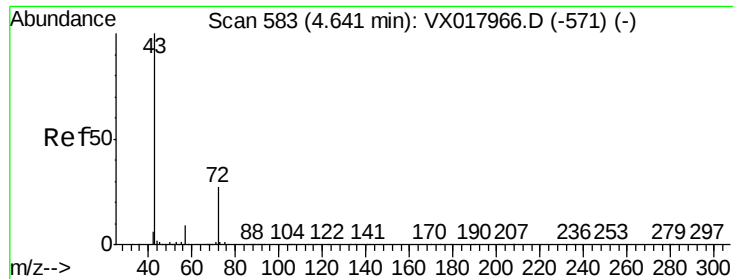
Ion Ratio Lower Upper

63 100

98 6.9 3.0 9.0

100 4.2 2.0 5.8





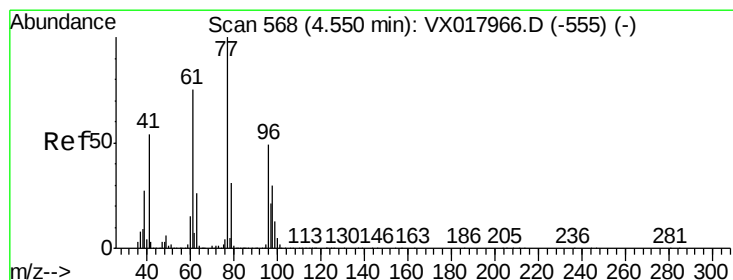
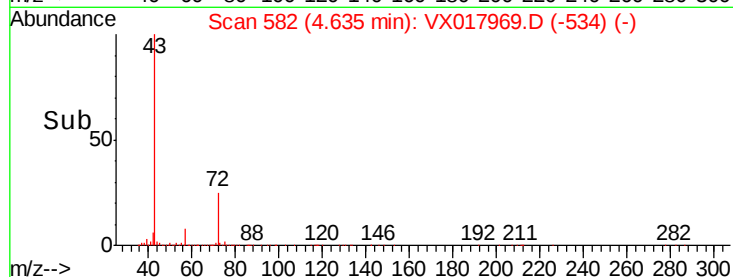
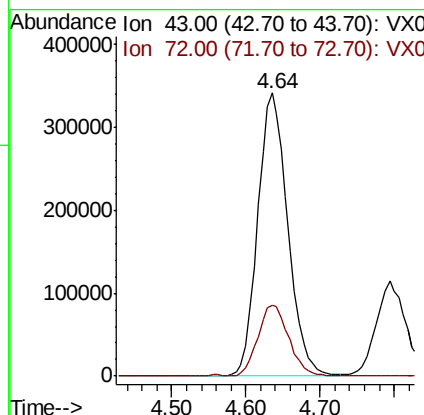
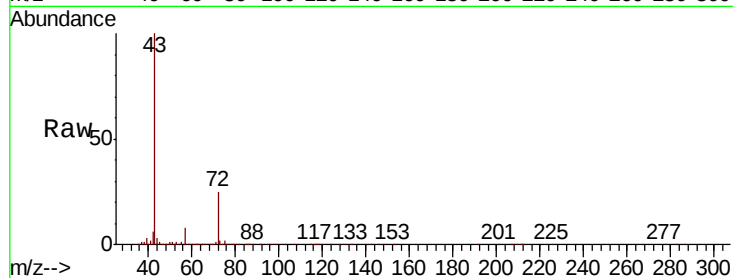
#25
2-Butanone
Concen: 267.996 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.2	21.4	32.2

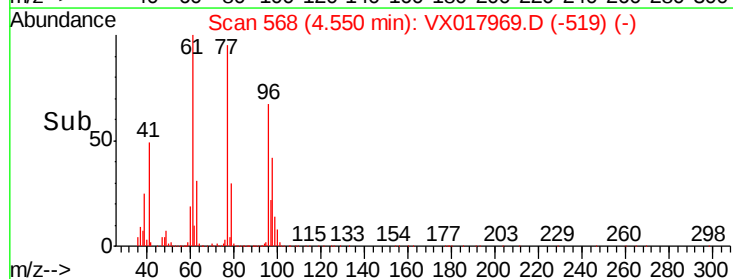
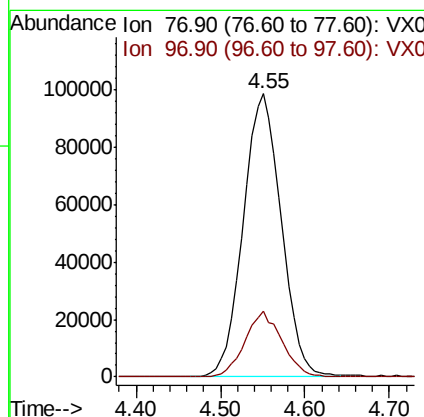
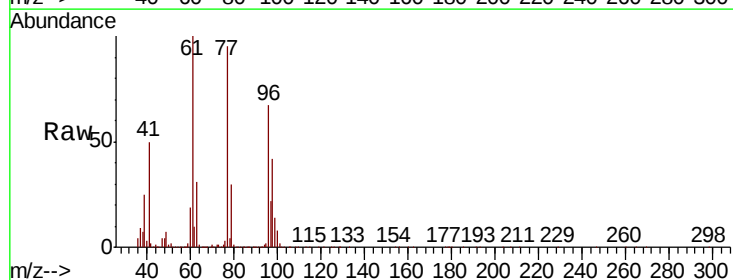
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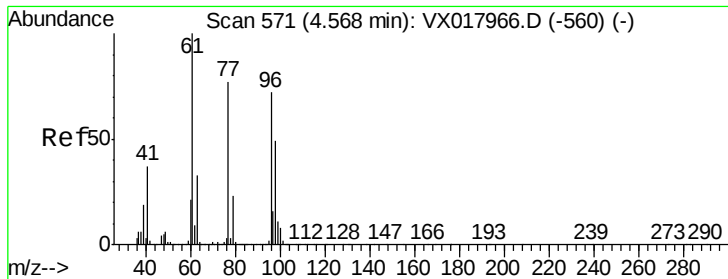
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#26
2,2-Dichloropropane
Concen: 43.170 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.5	10.9	32.9





#27

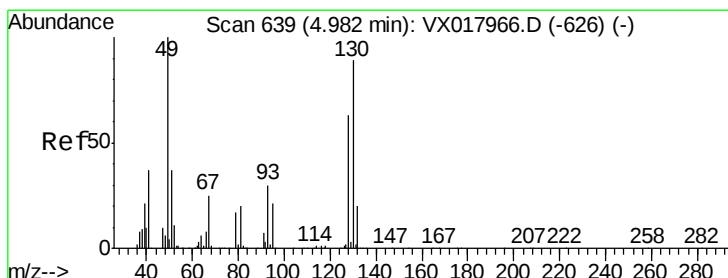
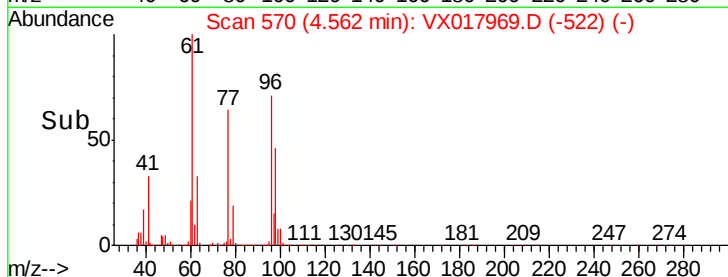
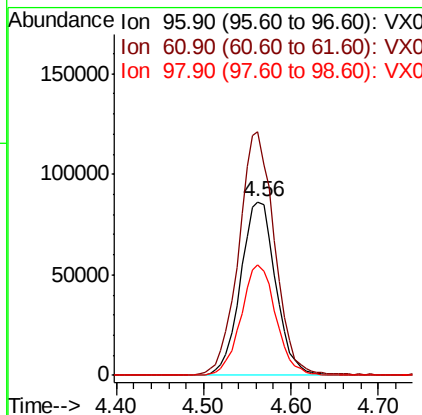
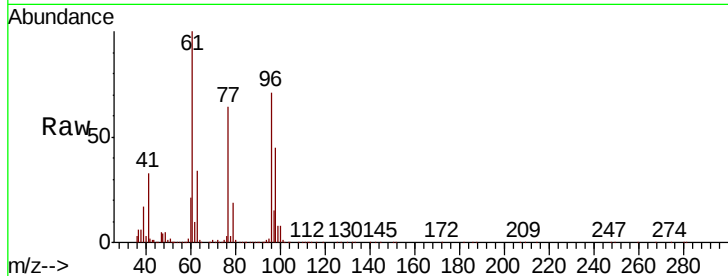
cis-1,2-Dichloroethene
Concen: 53.831 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Resp	Lower	Upper
96	100	241618		
61	142.8	0.0	298.8	
98	63.2	0.0	130.2	

Manual Integrations
APPROVED

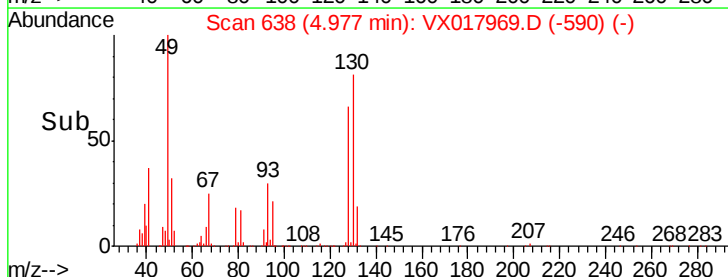
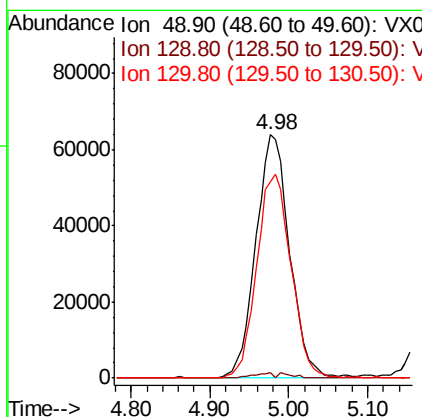
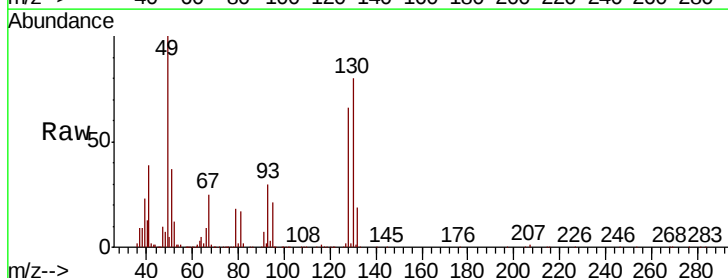
MMDadoda
8/24/2020 5:11:46 PM

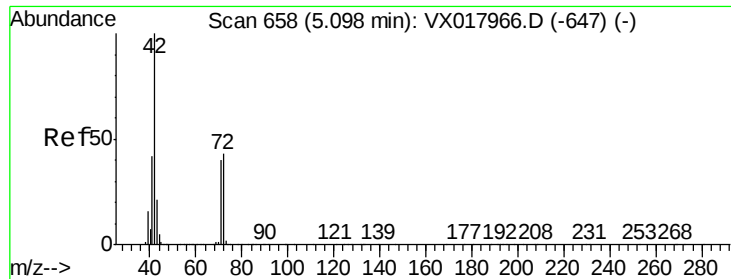


#28

Bromochloromethane
Concen: 47.727 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	189201		
129	1.2	0.0	3.6	
130	0.0	68.5	102.7#	





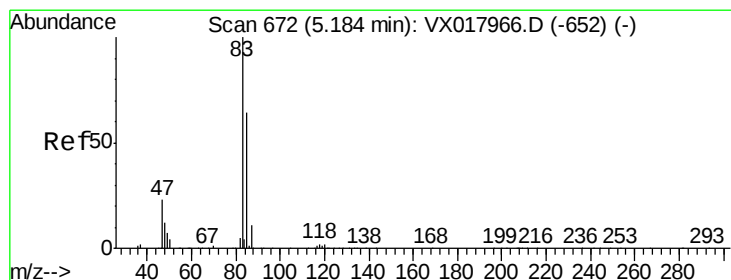
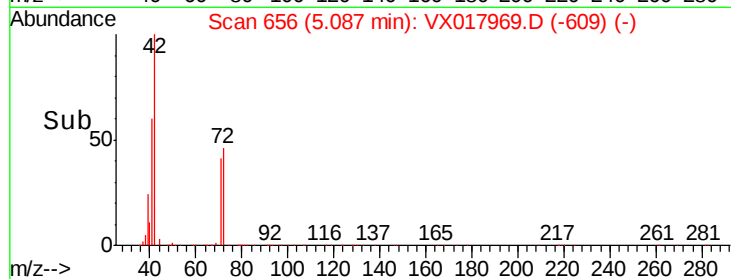
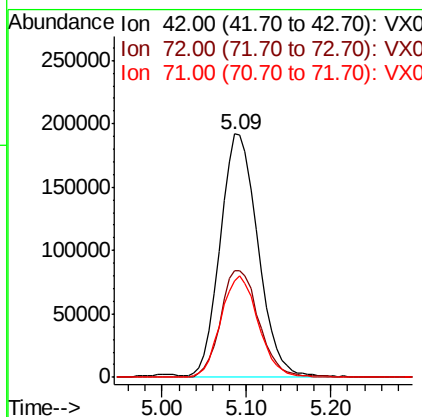
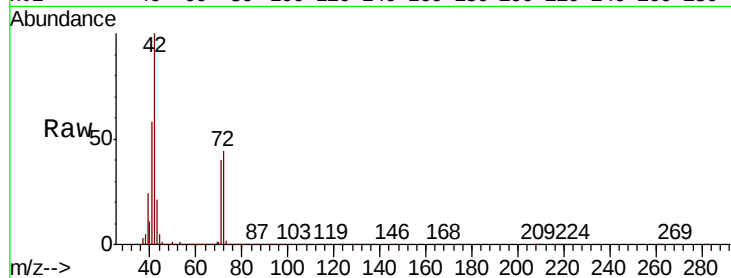
#29
Tetrahydrofuran
Concen: 261.199 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.9	53.9
71	41.8	33.0	49.4

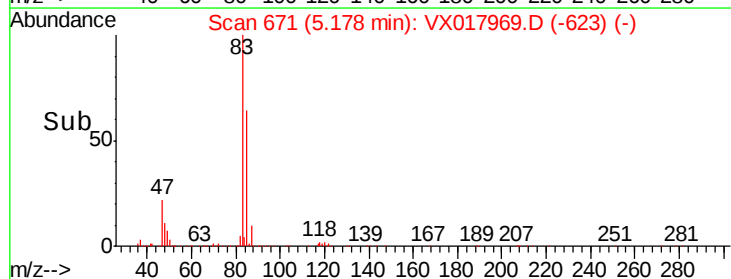
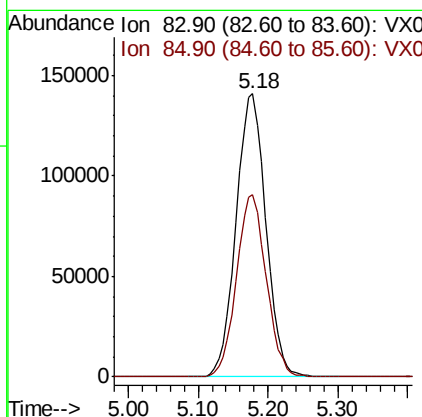
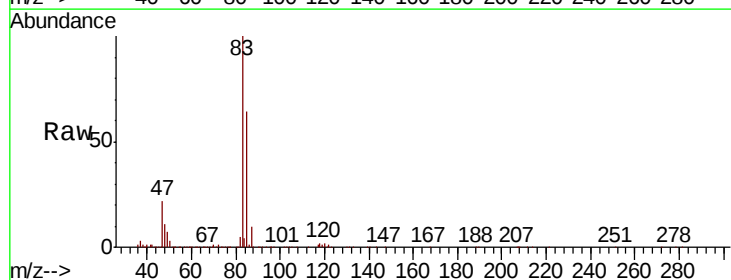
Manual Integrations
APPROVED

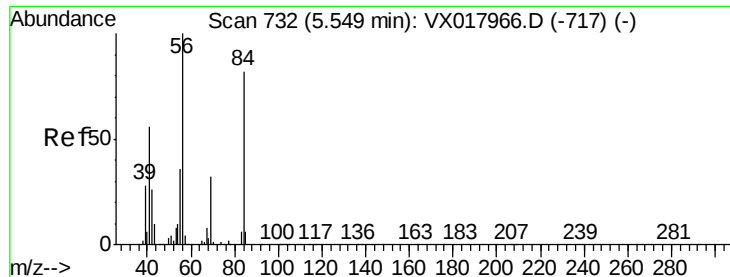
MMDadoda
8/24/2020 5:11:46 PM



#30
Chloroform
Concen: 49.834 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9





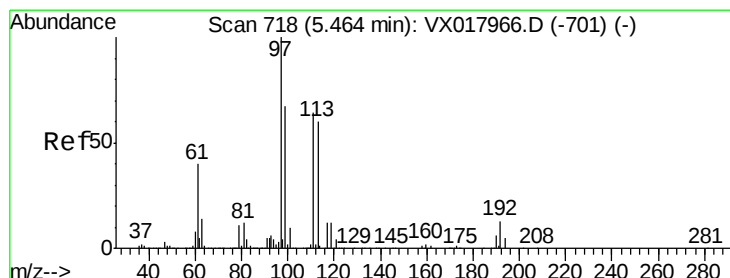
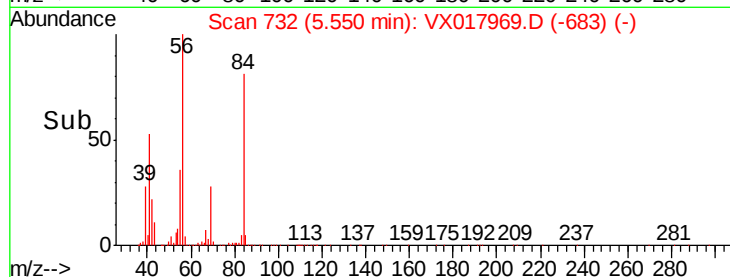
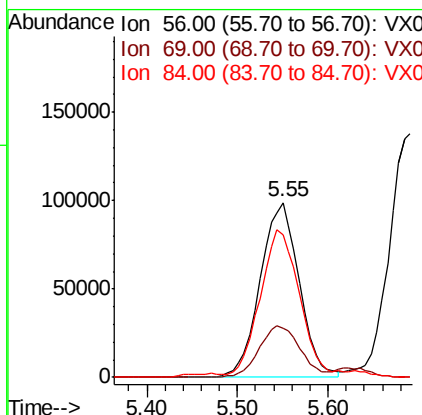
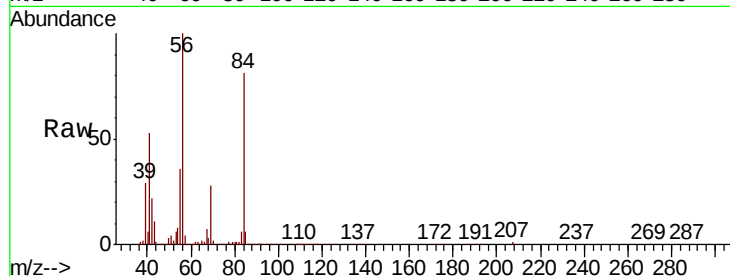
#31
Cyclohexane
Concen: 47.226 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	25.3	37.9
84	80.0	65.3	97.9

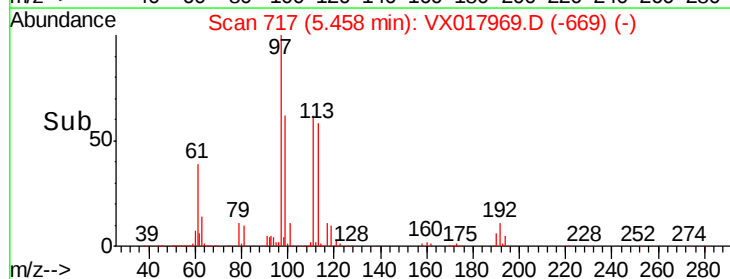
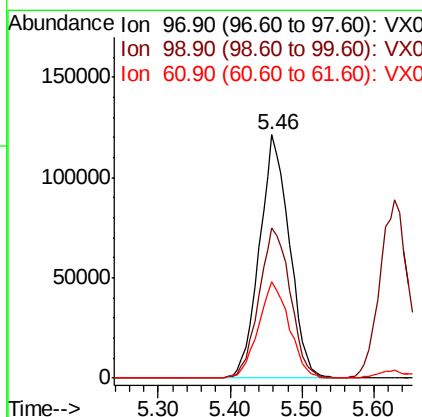
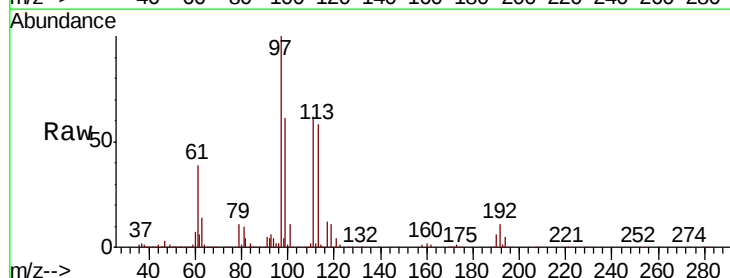
Manual Integrations
APPROVED

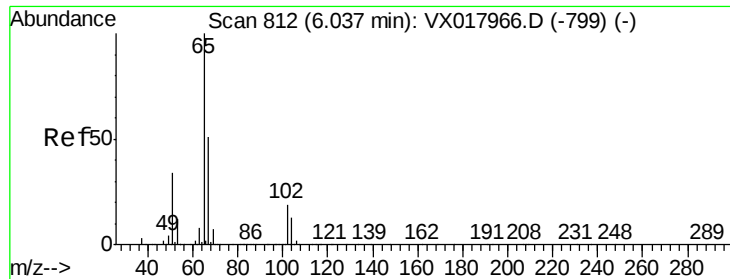
MMDadoda
8/24/2020 5:11:46 PM



#32
1,1,1-Trichloroethane
Concen: 46.066 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	40.7	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 44.898 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 65 Resp: 270259

Ion Ratio Lower Upper

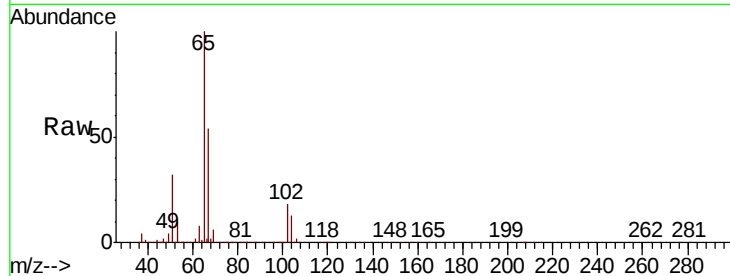
65 100

67 50.4 0.0 103.0

Manual Integrations
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

40000

20000

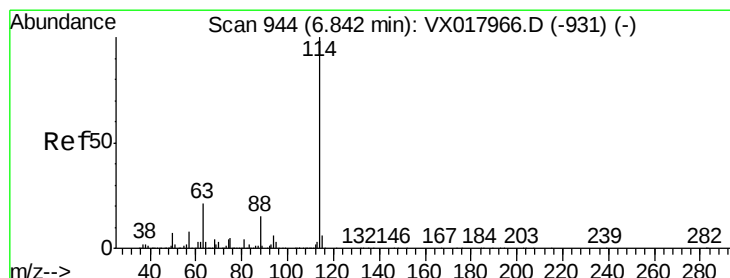
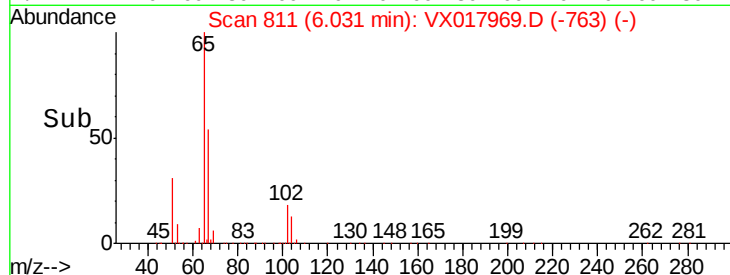
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

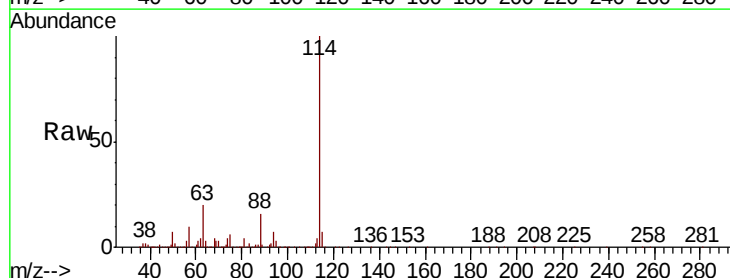
Tgt Ion: 114 Resp: 672989

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 15.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

200000

100000

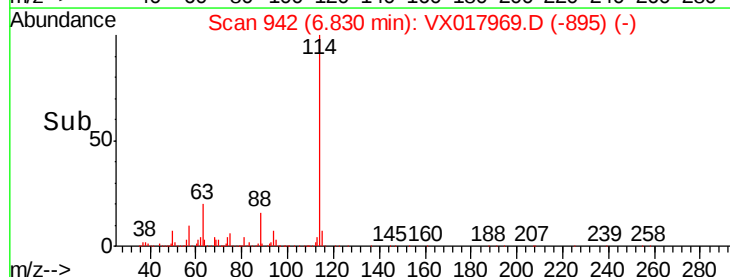
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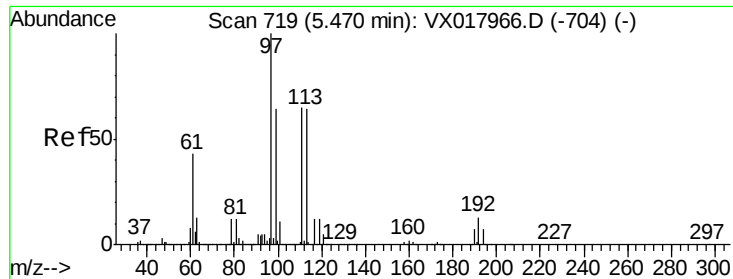
Time-->

6.70

6.80

6.90





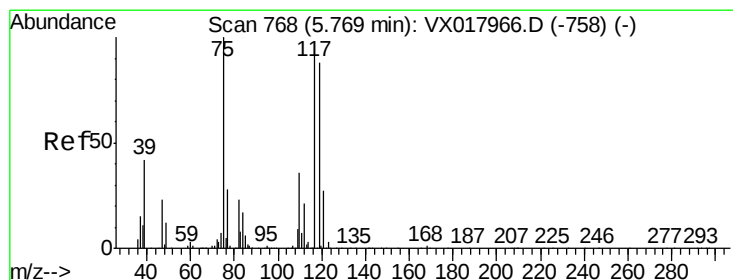
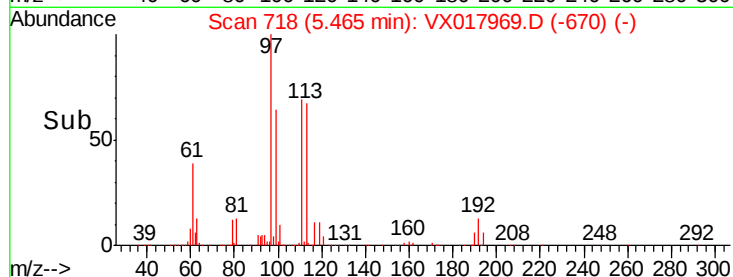
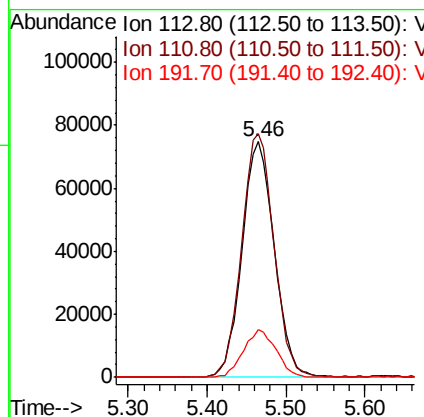
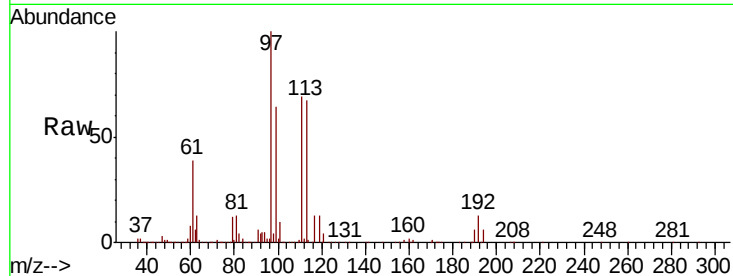
#35
Dibromofluoromethane
Concen: 42.485 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Resp	Lower	Upper
113	100	212920		
111	103.5	83.5	125.3	
192	20.5	16.2	24.4	

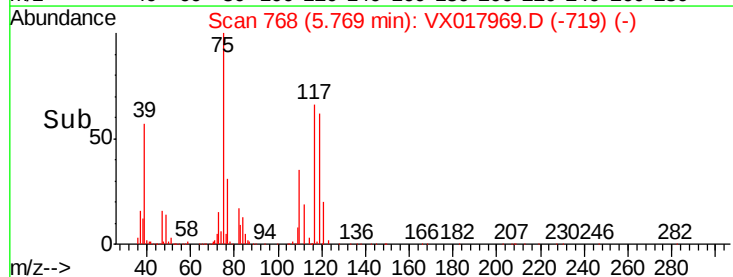
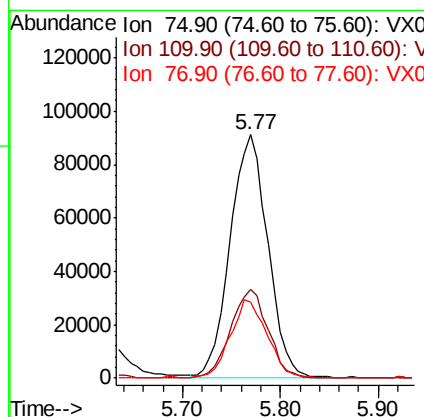
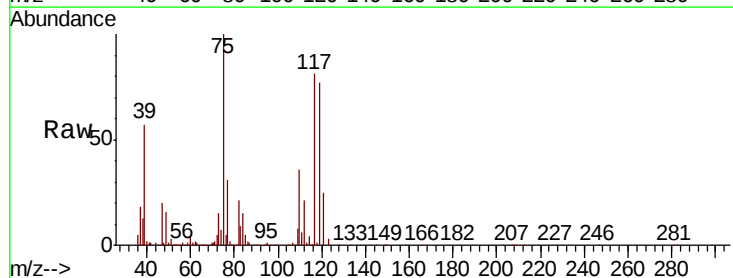
Manual Integrations
APPROVED

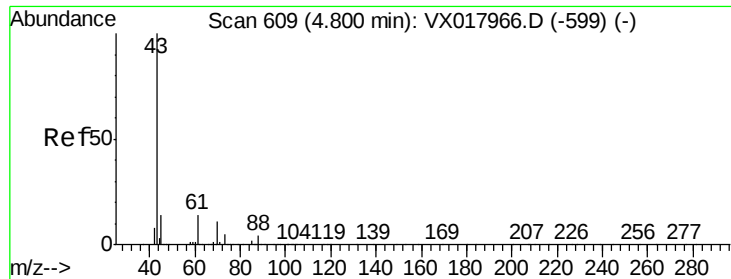
MMDadoda
8/24/2020 5:11:46 PM



#36
1,1-Dichloropropene
Concen: 42.843 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	241334		
110	36.4	18.7	56.1	
77	31.4	24.4	36.6	





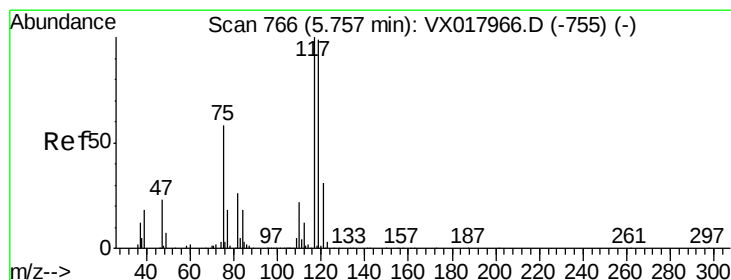
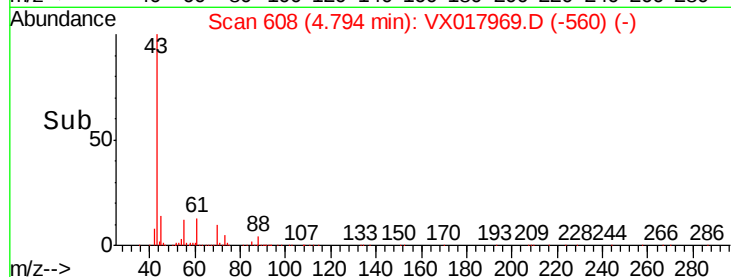
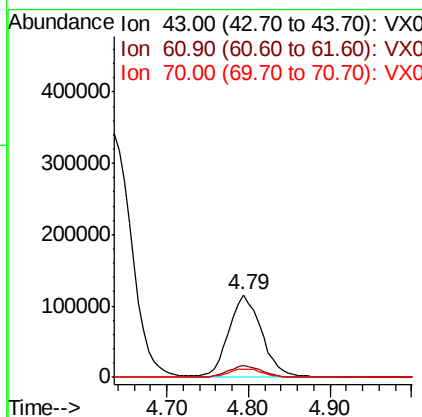
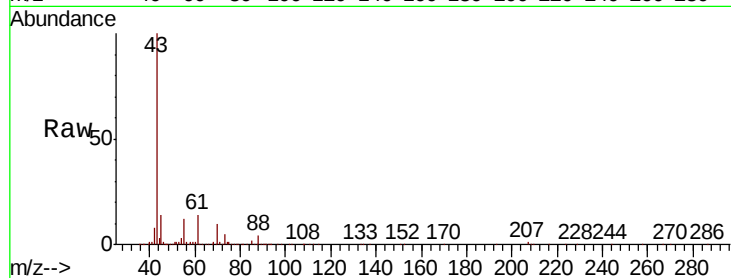
#37
Ethyl Acetate
Concen: 47.752 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.5	8.5	12.7

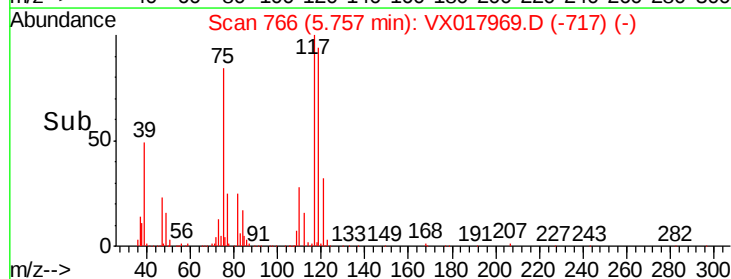
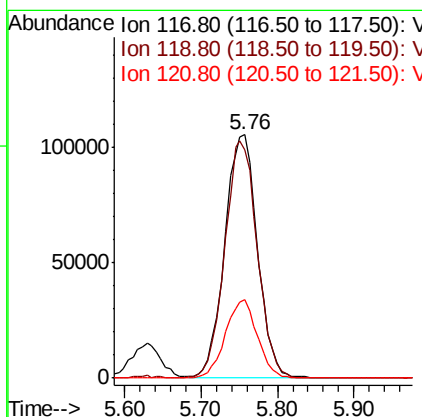
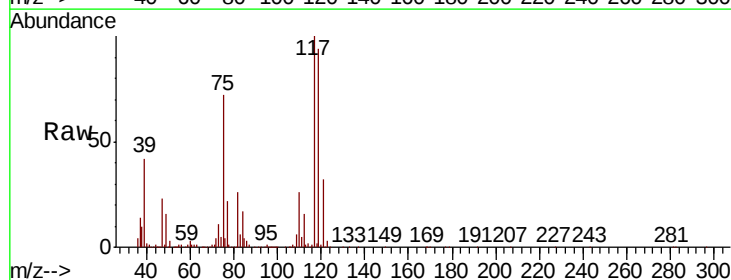
Manual Integrations
APPROVED

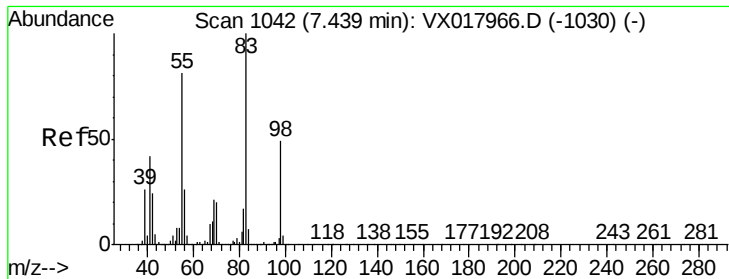
MMDadoda
8/24/2020 5:11:46 PM



#38
Carbon Tetrachloride
Concen: 42.716 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.0	118.6
121	32.0	24.7	37.1





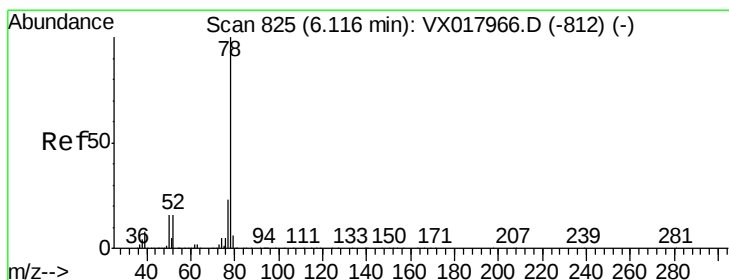
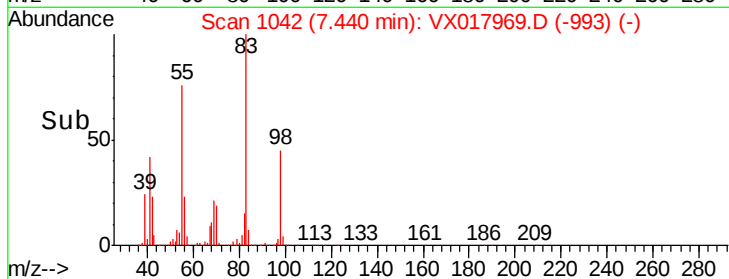
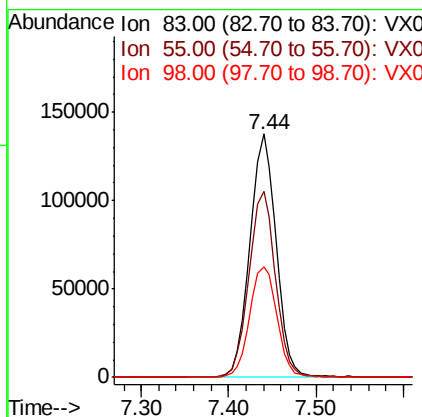
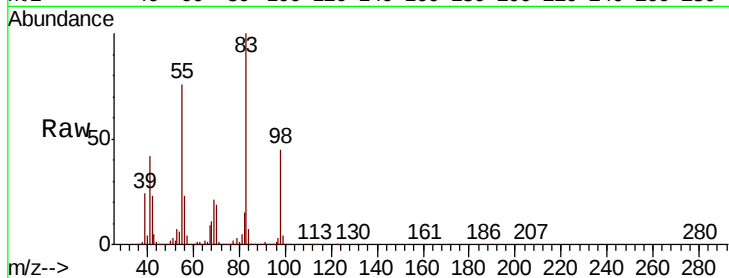
#39
Methvlcvclohexane
Concen: 40.030 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	64.5	96.7
98	45.2	39.0	58.6

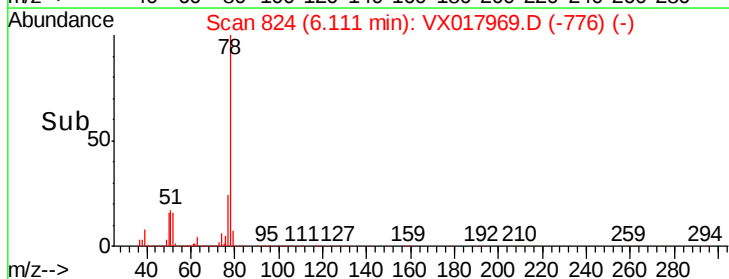
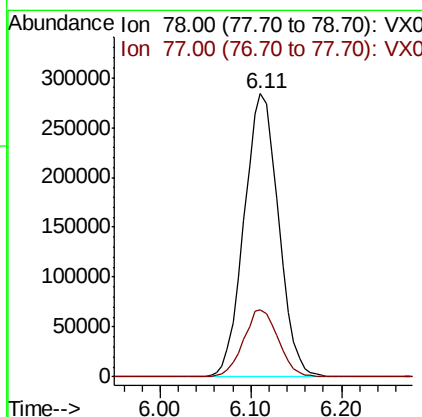
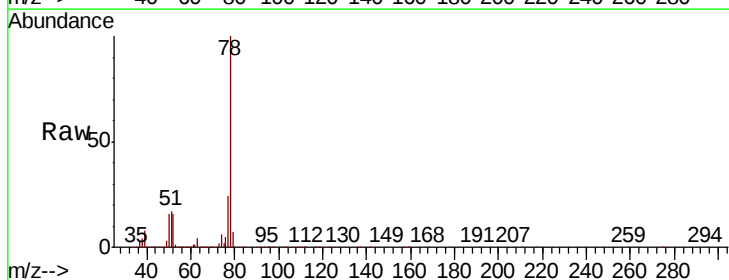
Manual Integrations
APPROVED

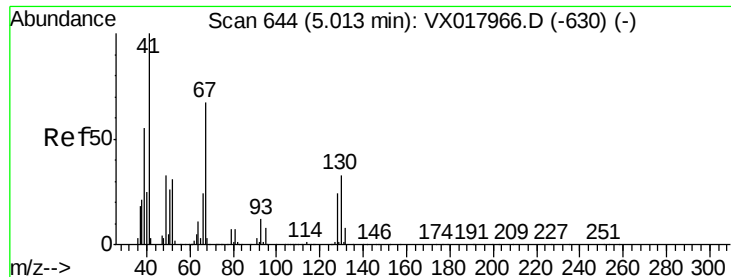
MMDadoda
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#40
Benzene
Concen: 44.005 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





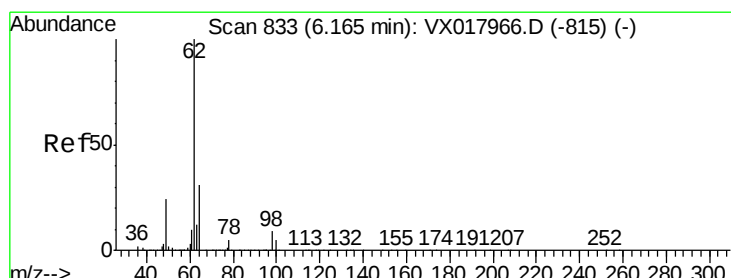
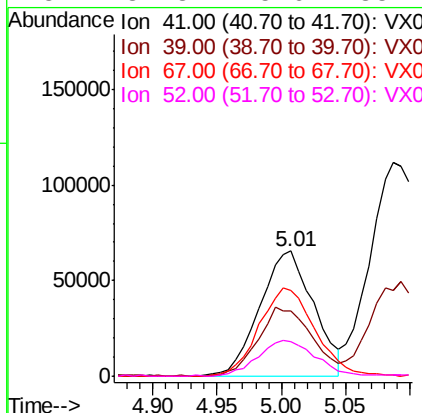
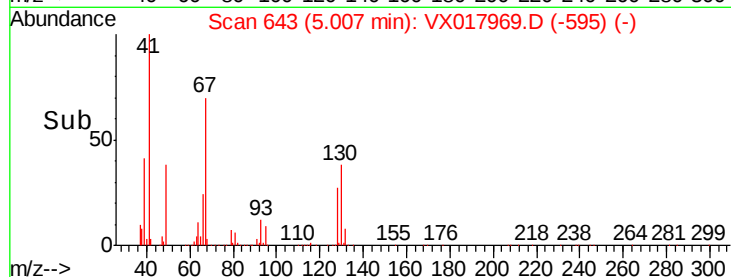
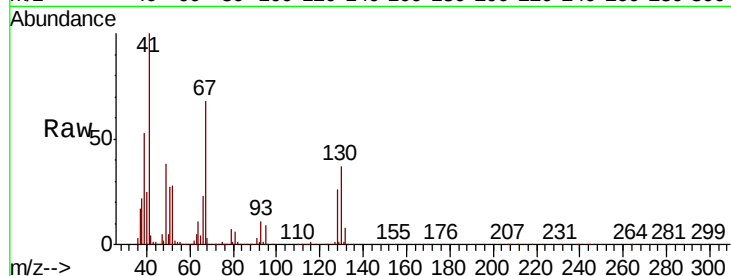
#41
Methacrylonitrile
Concen: 49.061 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		189521		
39	54.3	44.8	67.2		
67	72.9	57.5	86.3		
52	31.3	25.6	38.4		

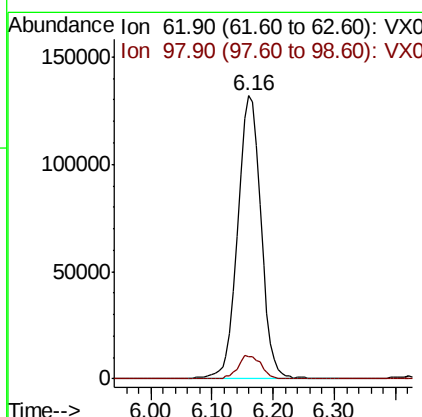
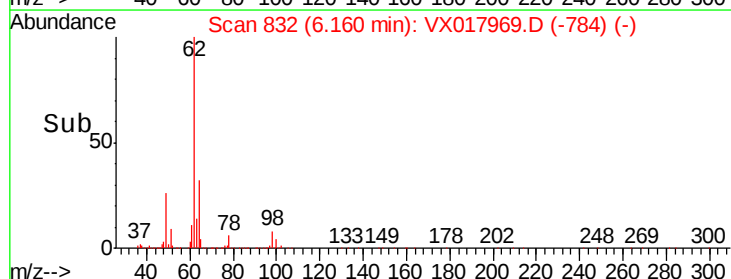
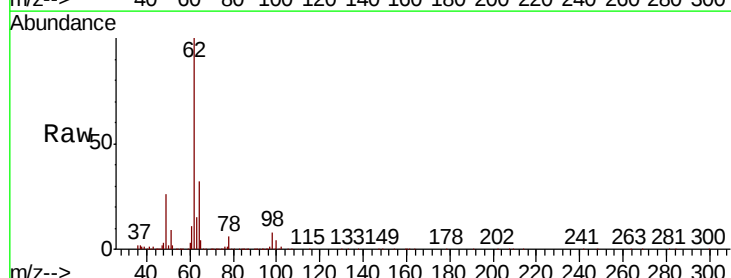
Manual Integrations
APPROVED

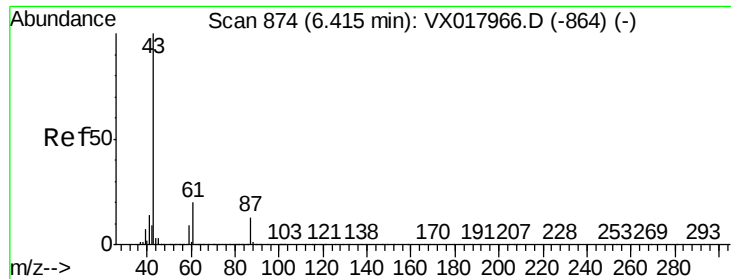
MMDadoda
8/24/2020 5:11:46 PM



#42
1,2-Dichloroethane
Concen: 48.122 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		346801		
98	8.3	0.0	17.2		





#43

Isopropyl Acetate

Concen: 46.831 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

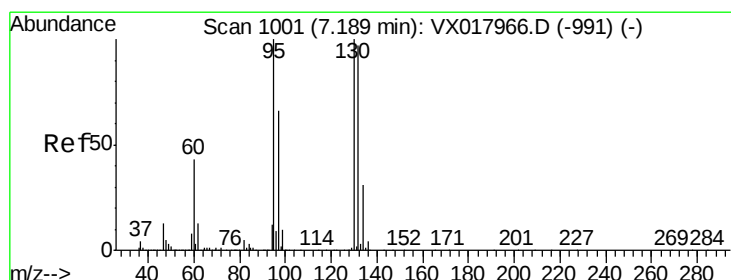
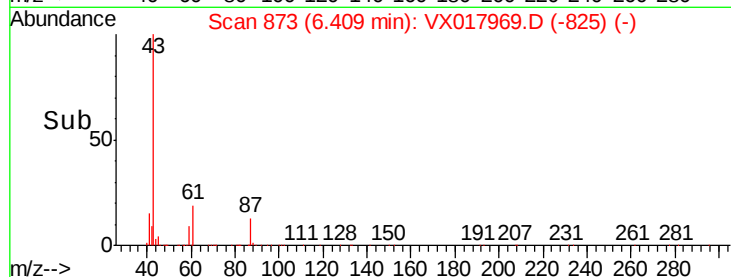
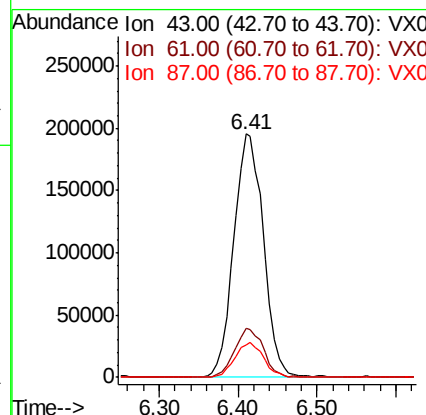
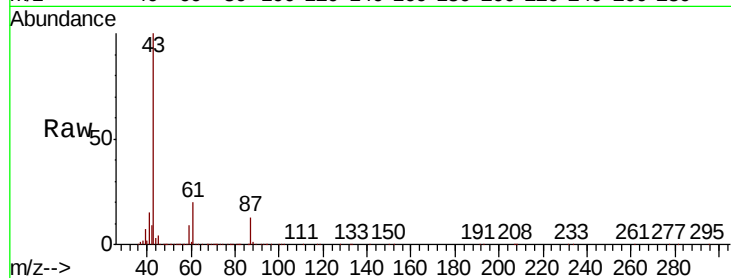
ClientSampleId :

ICVVX081920

Tot Ion:	43	Resp:	509514
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	13.9	10.8	16.2

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#44

Trichloroethene

Concen: 43.004 ug/l

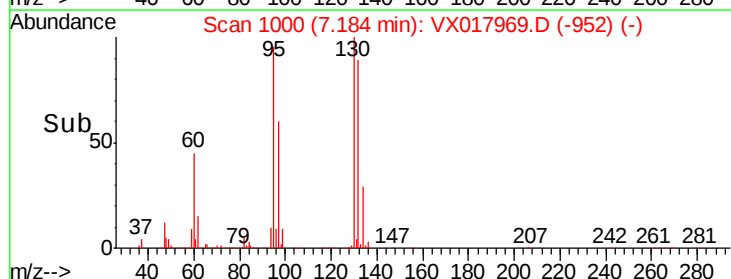
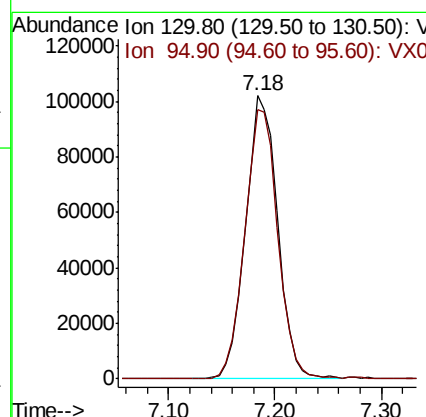
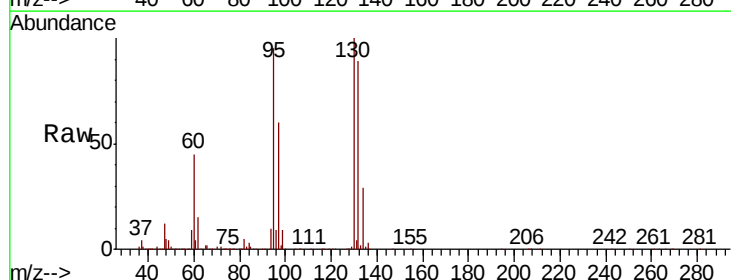
RT: 7.18 min Scan# 1000

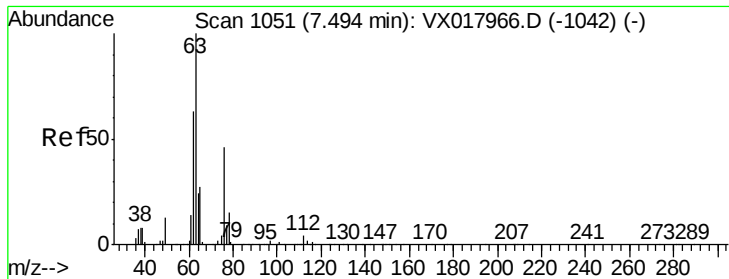
Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion:	130	Resp:	216367
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	200.6





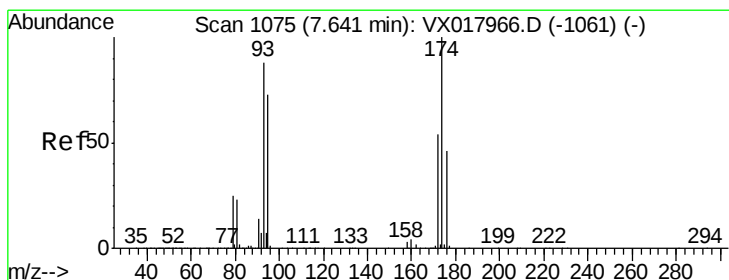
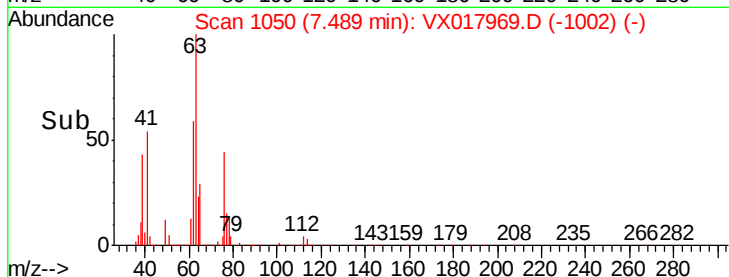
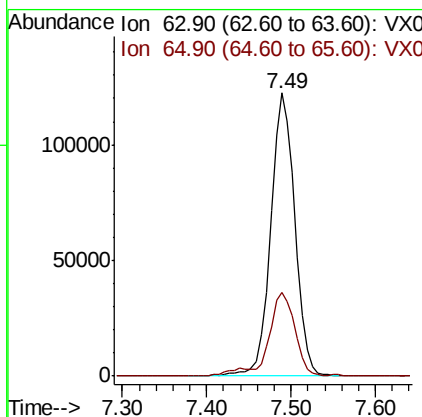
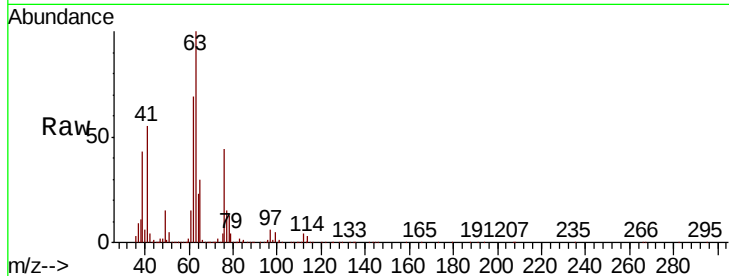
#45
 1,2-Dichloropropane
 Concen: 49.951 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081920

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.8	35.8

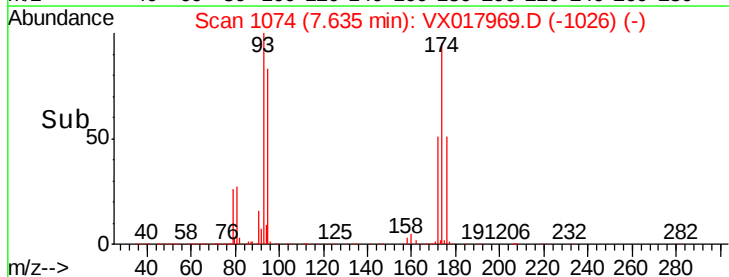
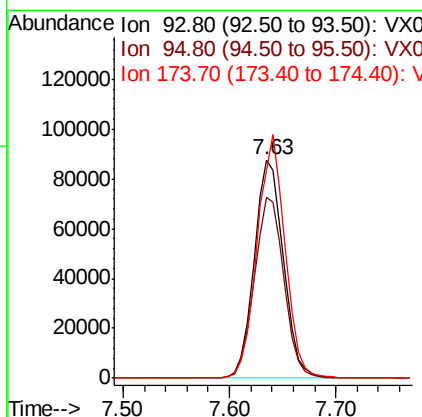
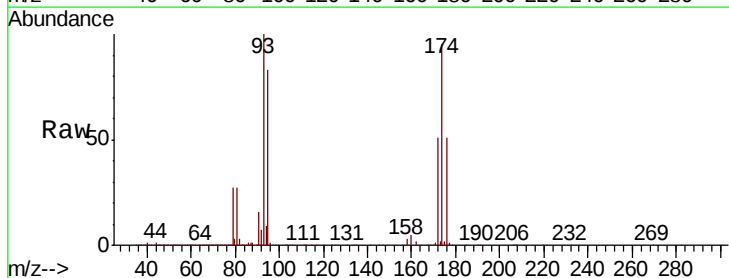
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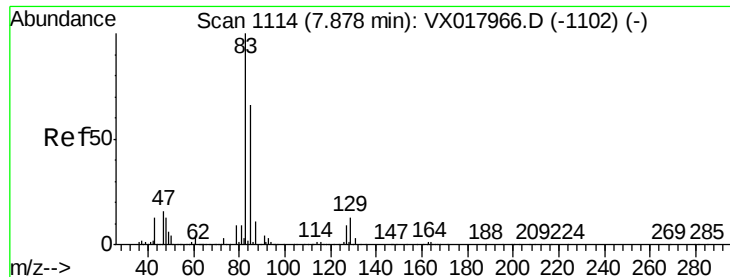
MMDadoda
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#46
 Dibromomethane
 Concen: 49.628 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.8	100.2
174	106.8	88.3	132.5





#47

Bromodichloromethane

Concen: 47.517 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

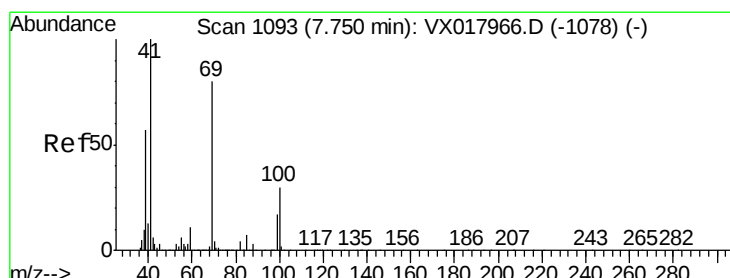
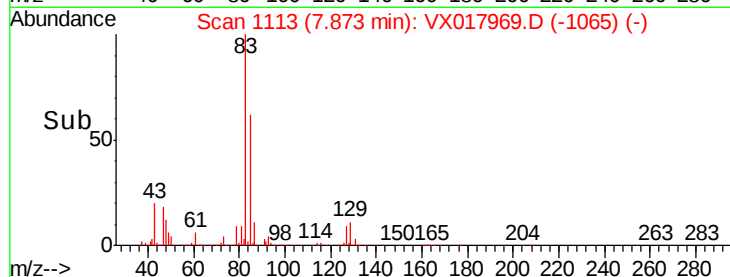
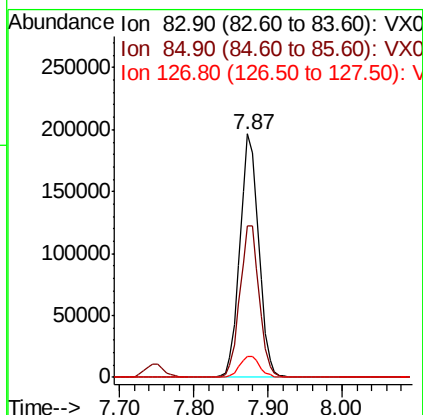
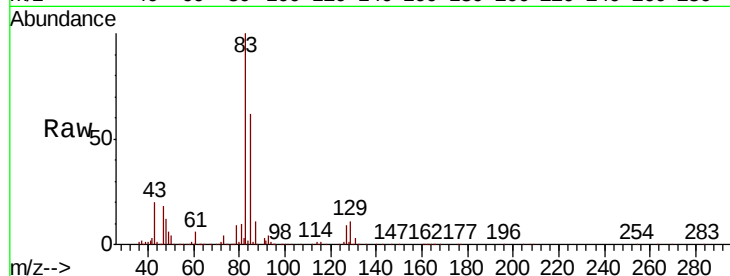
ClientSampleId :

ICVVX081920

Tot Ion:	83	Resp:	349966
Ion Ratio	Lower	Upper	
83	100		
85	62.0	52.4	78.6
127	8.8	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.038 ug/l

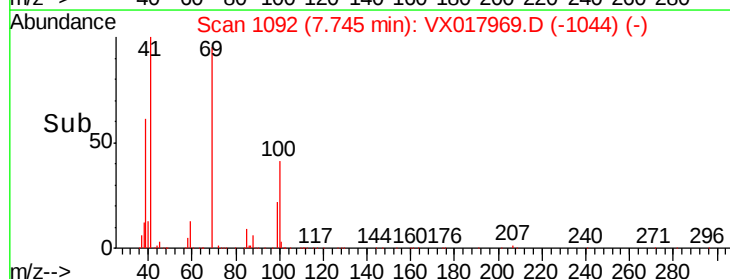
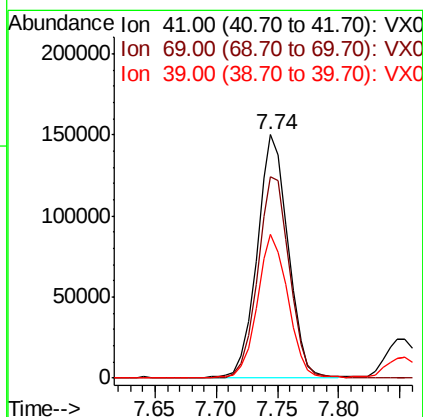
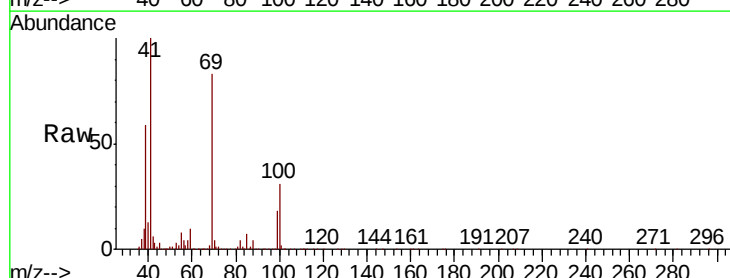
RT: 7.74 min Scan# 1092

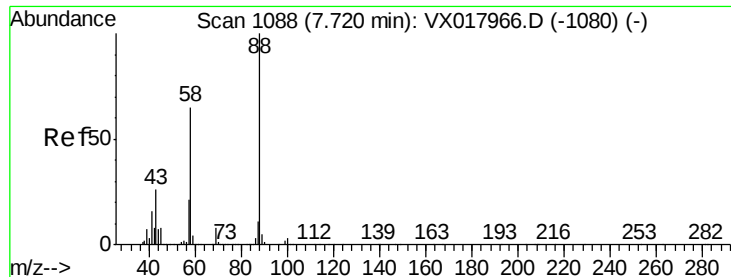
Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion:	41	Resp:	264491
Ion Ratio	Lower	Upper	
41	100		
69	85.0	64.3	96.5
39	58.1	45.3	67.9





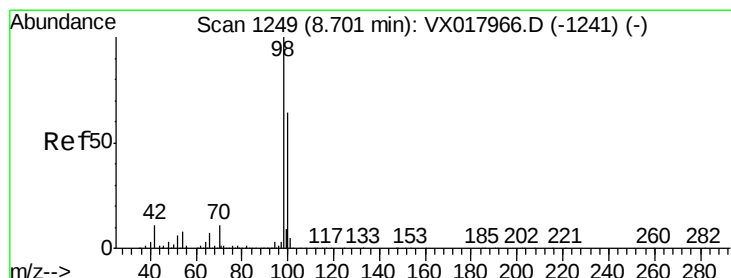
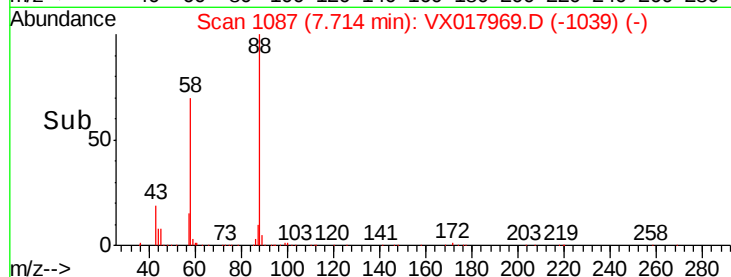
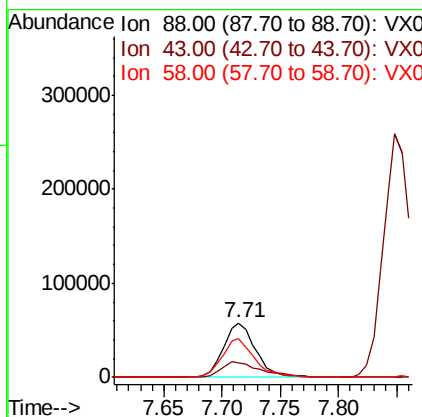
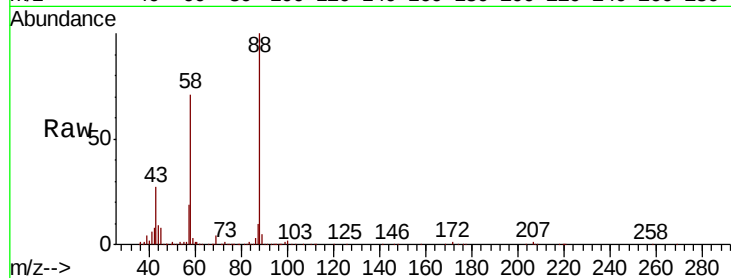
#49
1,4-Dioxane
Concen: 998.848 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	27.3	40.9
58	72.8	57.7	86.5

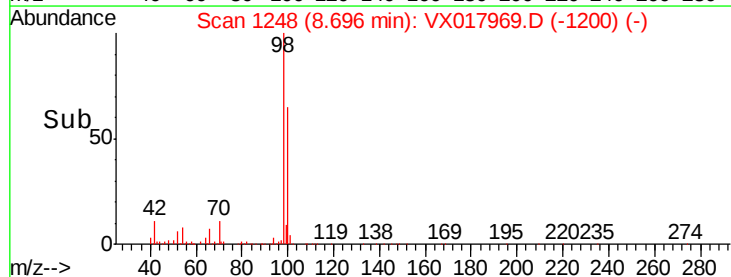
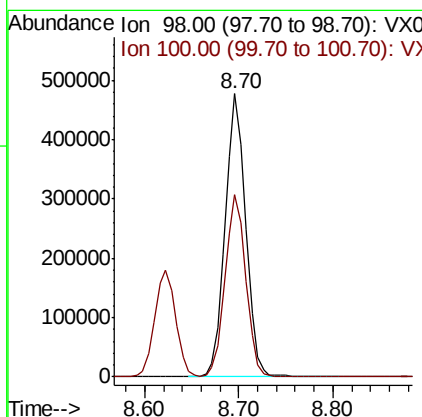
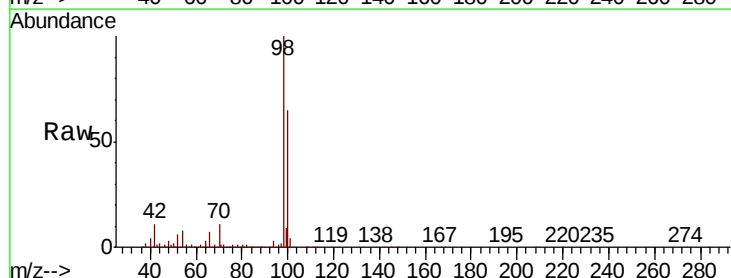
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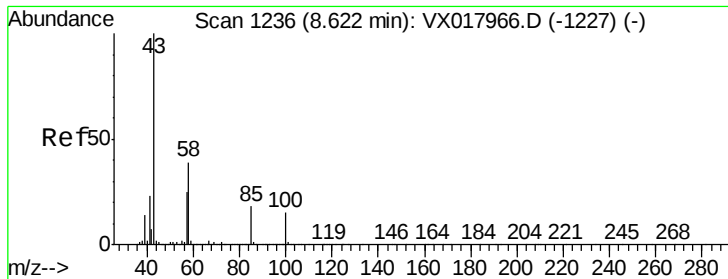
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#50
Toluene-d8
Concen: 40.695 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2





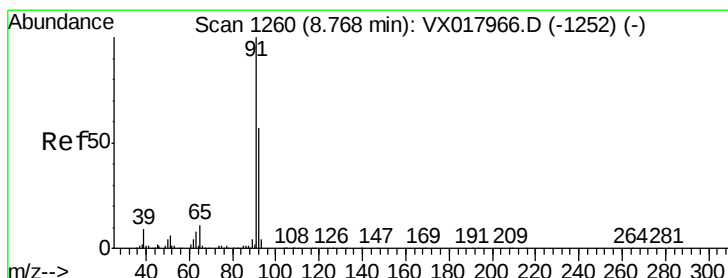
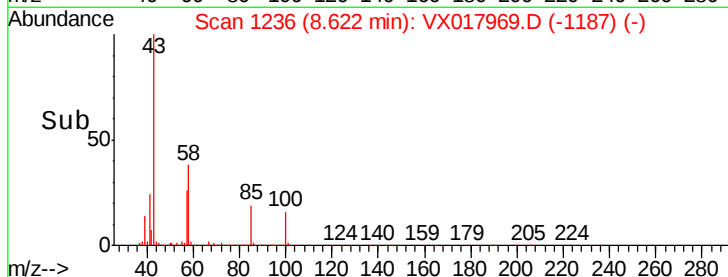
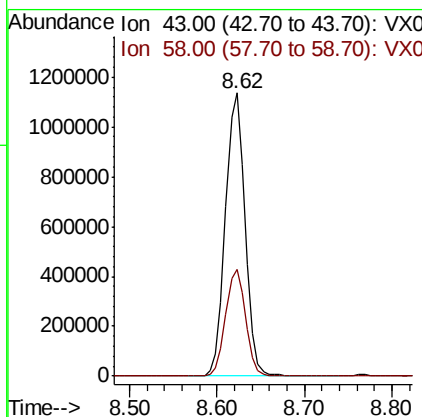
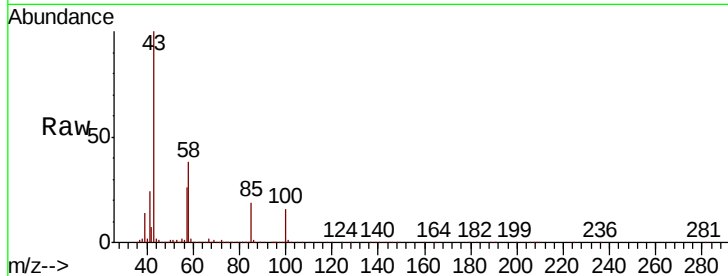
#51
 4-Methyl-2-Pentanone
 Concen: 241.985 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081920

Tot Ion: 43 Resp: 1772618
 Ion Ratio Lower Upper
 43 100
 58 38.2 31.0 46.4

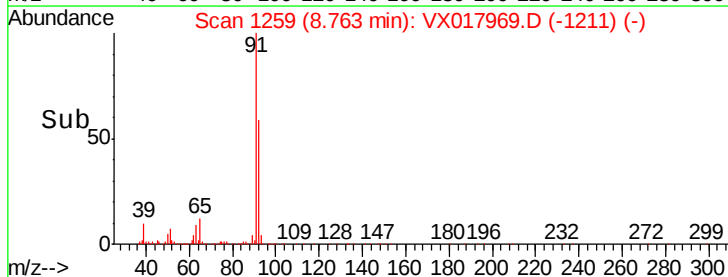
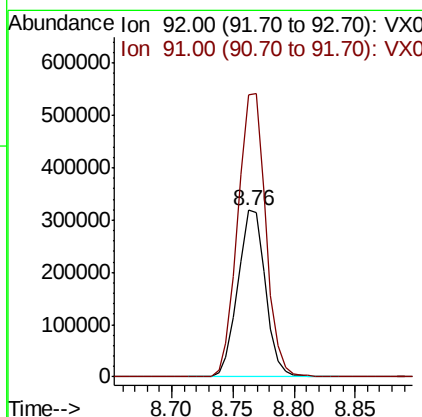
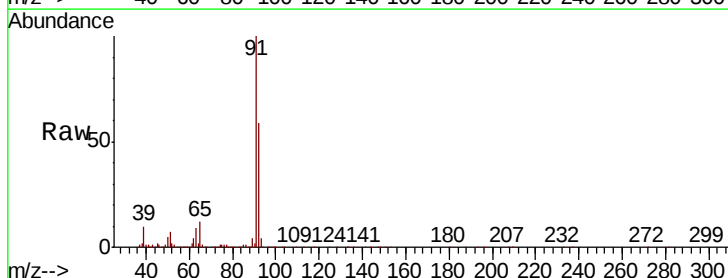
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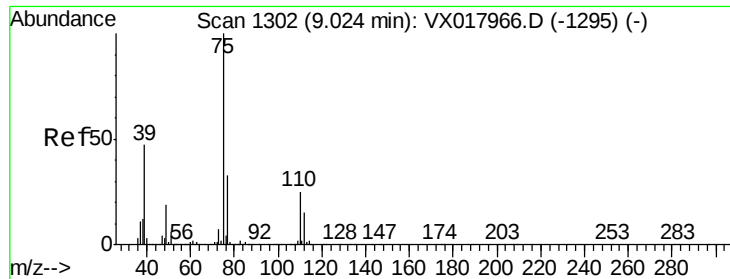
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#52
 Toluene
 Concen: 44.723 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Tgt Ion: 92 Resp: 496427
 Ion Ratio Lower Upper
 92 100
 91 173.0 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 50.819 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 75 Resp: 395867

Ion Ratio Lower Upper

75 100

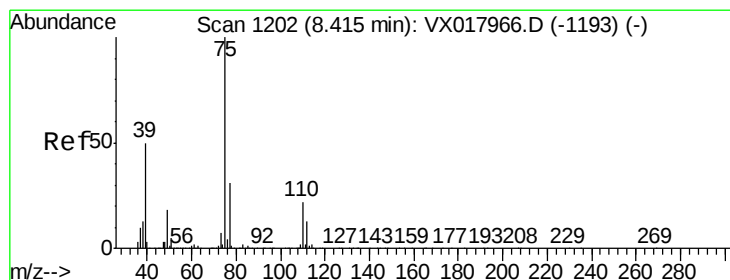
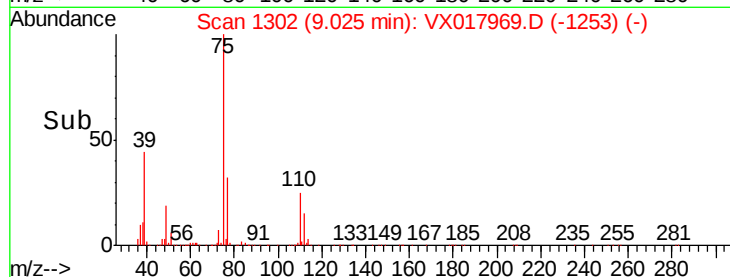
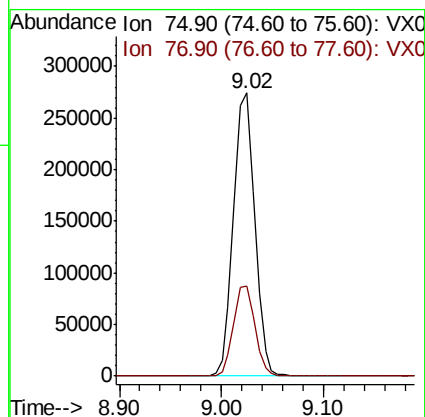
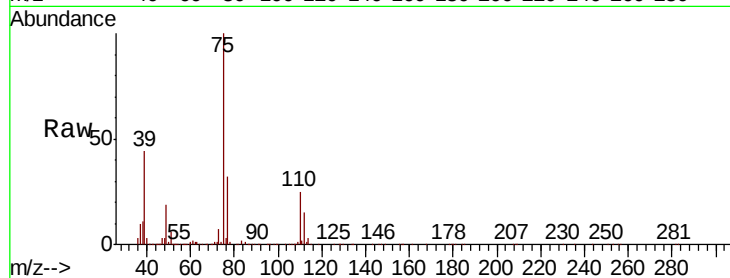
77 31.6 26.1 39.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 45.586 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

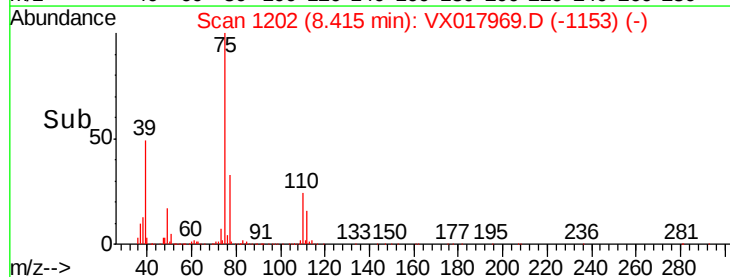
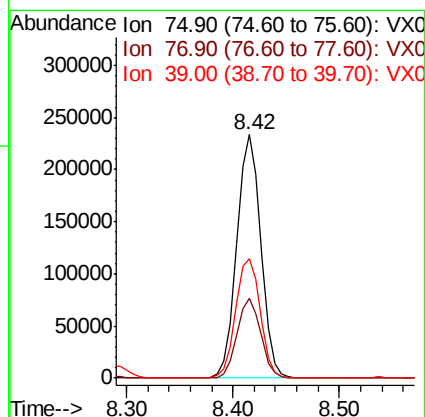
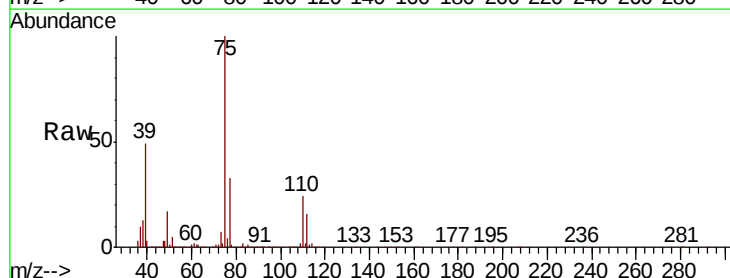
Tgt Ion: 75 Resp: 370250

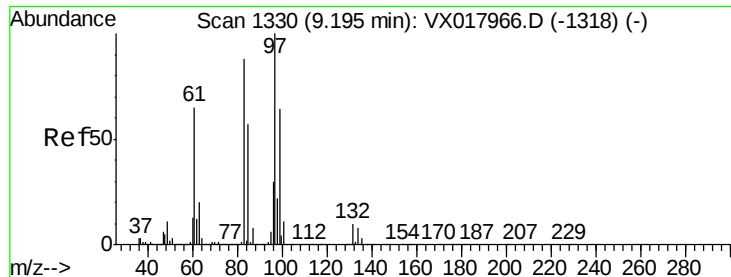
Ion Ratio Lower Upper

75 100

77 32.9 24.6 36.8

39 49.2 39.7 59.5





#55

1,1,2-Trichloroethane

Concen: 48.293 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

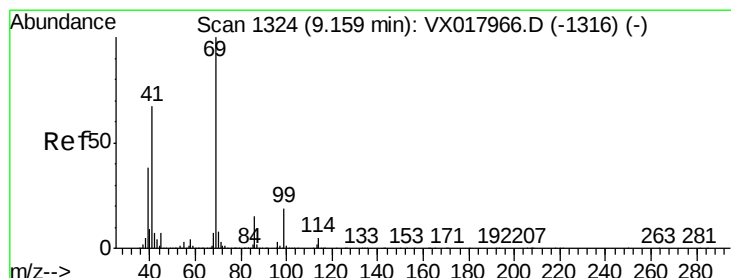
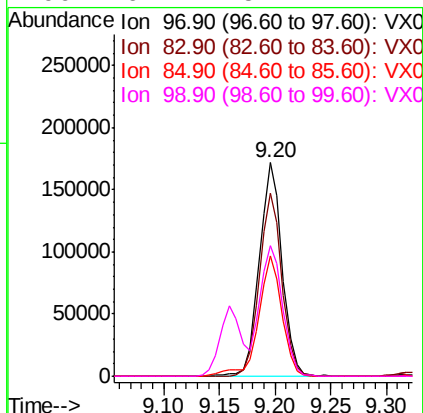
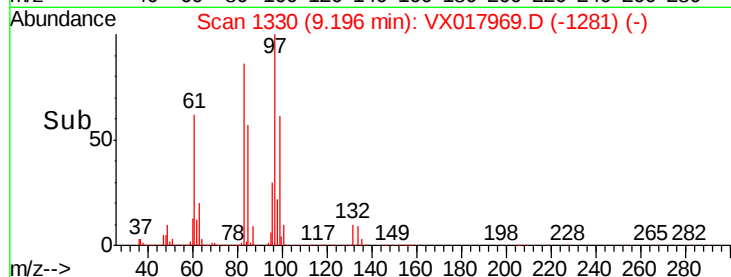
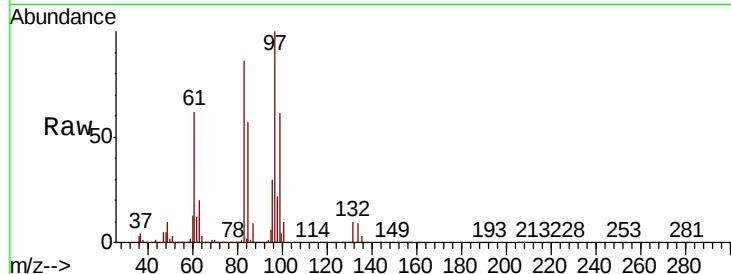
ClientSampleId :

ICVVX081920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		246261		
83	85.9	70.1	105.1		
85	56.4	45.8	68.8		
99	61.2	51.4	77.2		

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#56

Ethyl methacrylate

Concen: 52.599 ug/l

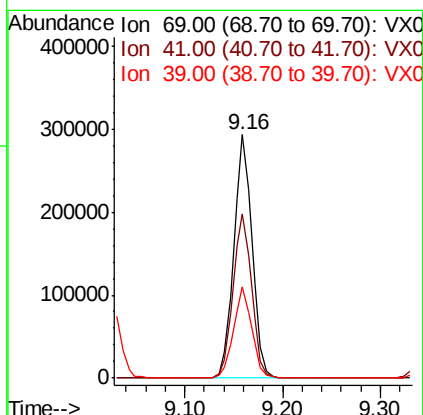
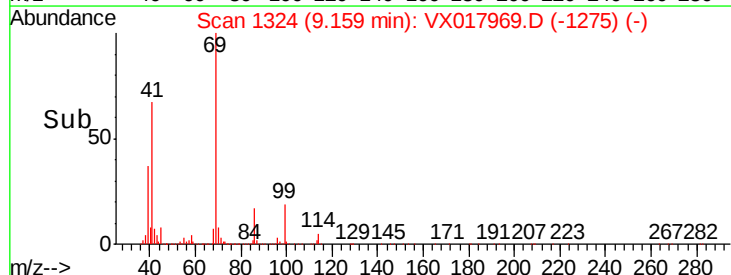
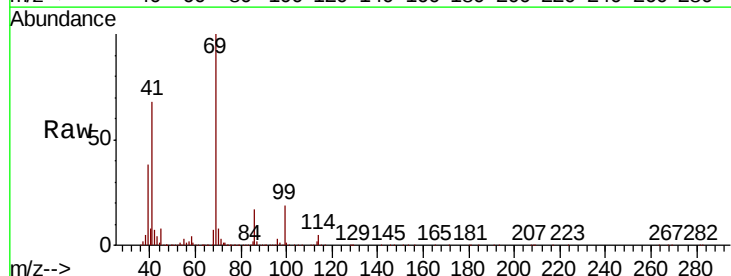
RT: 9.16 min Scan# 1324

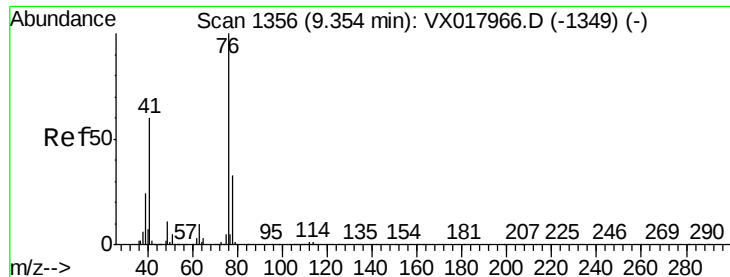
Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		379229		
41	68.4	52.3	78.5		
39	37.3	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 53.013 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 76 Resp: 429338

Ion Ratio Lower Upper

76 100

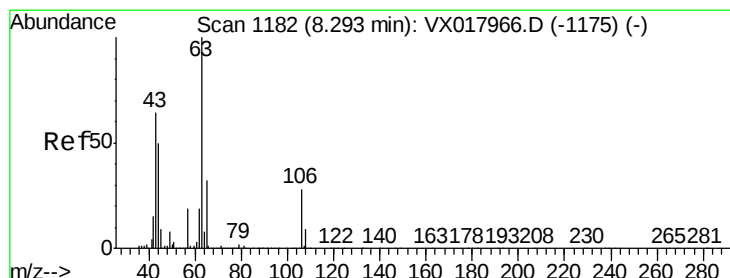
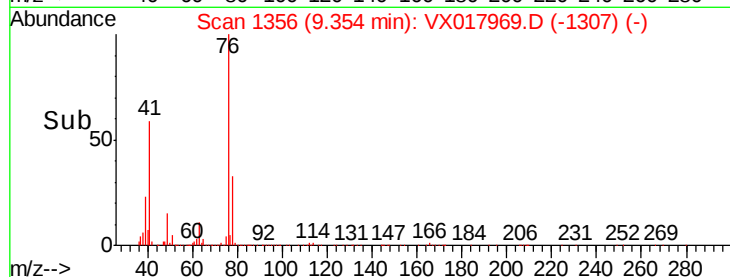
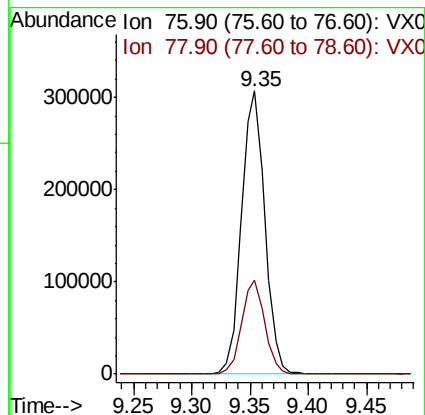
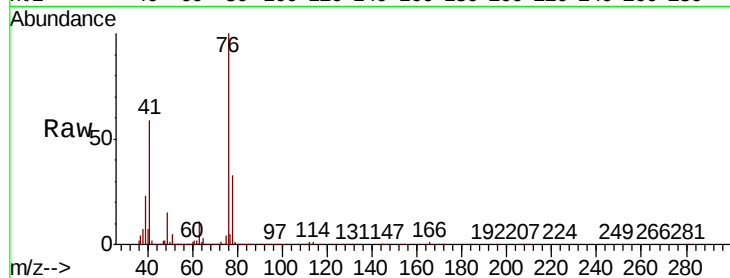
78 32.7 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 237.090 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017969.D

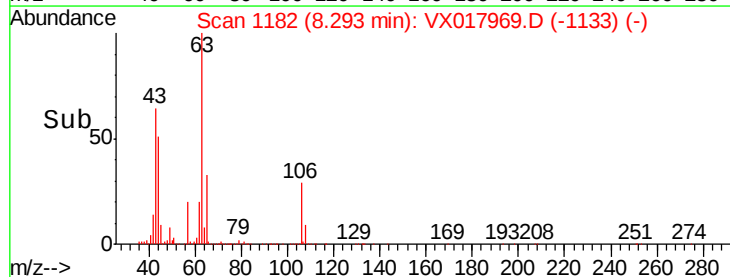
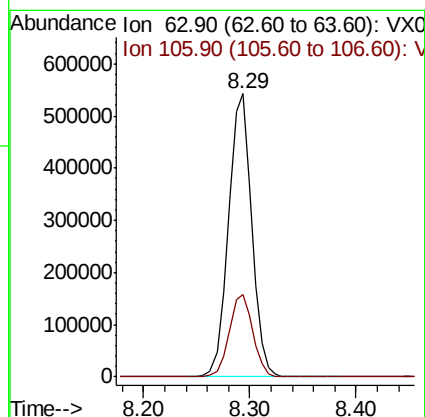
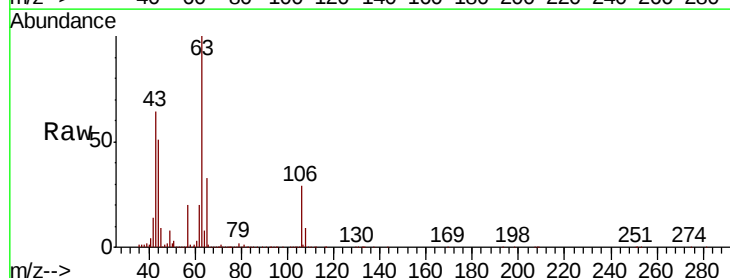
Acq: 18 Aug 2020 22:15

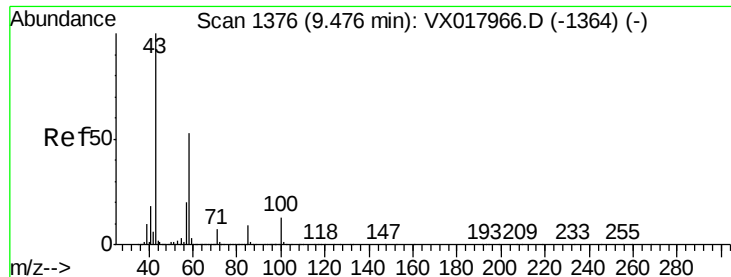
Tgt Ion: 63 Resp: 827777

Ion Ratio Lower Upper

63 100

106 29.4 23.0 34.4





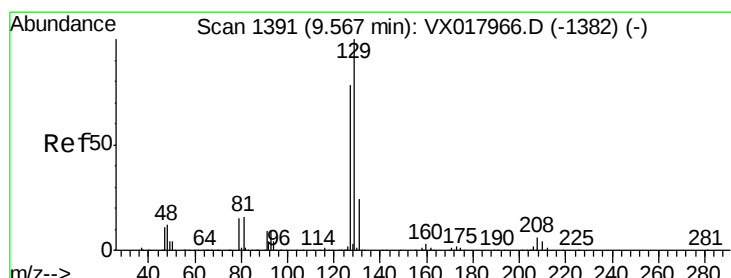
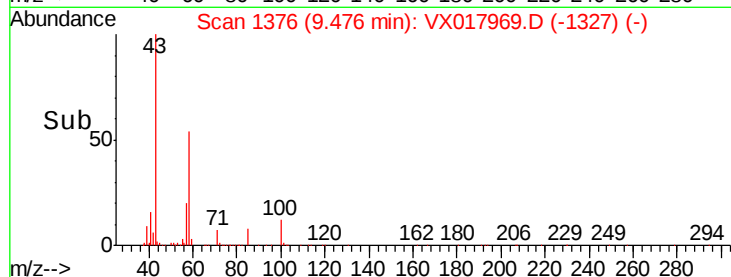
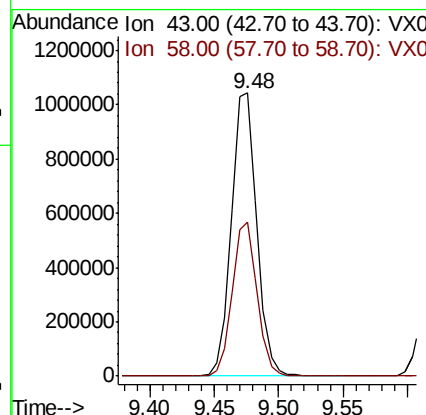
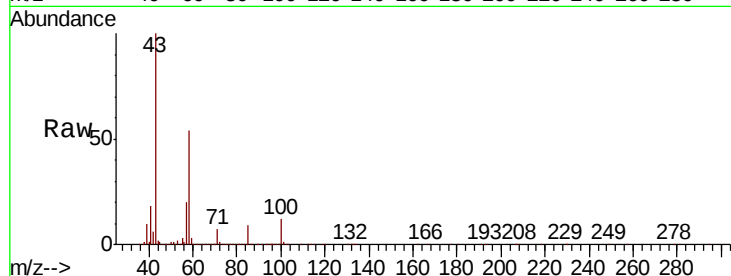
#59
2-Hexanone
Concen: 260.316 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion: 43 Resp: 1444934
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.0

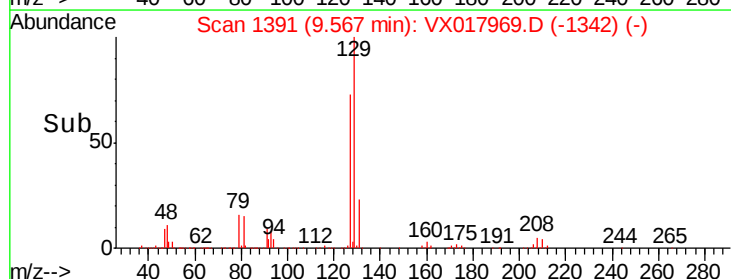
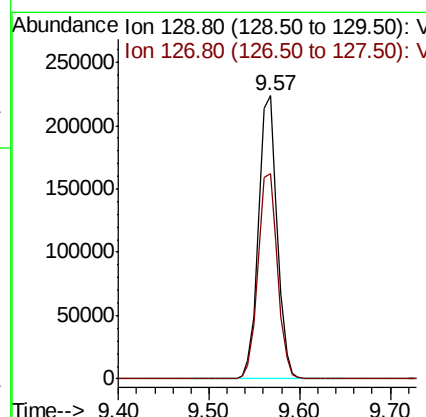
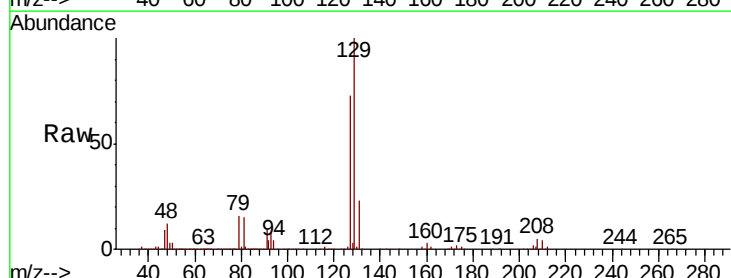
Manual Integrations
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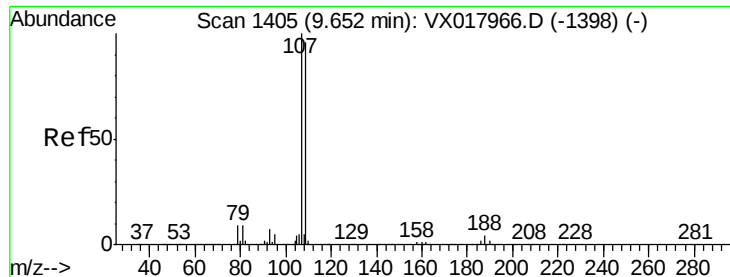
MMDadoda
8/24/2020 5:11:46 PM



#60
Dibromochloromethane
Concen: 50.079 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion: 129 Resp: 318938
Ion Ratio Lower Upper
129 100
127 75.7 39.5 118.3





#61

1,2-Dibromoethane

Concen: 48.246 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 107 Resp: 272511

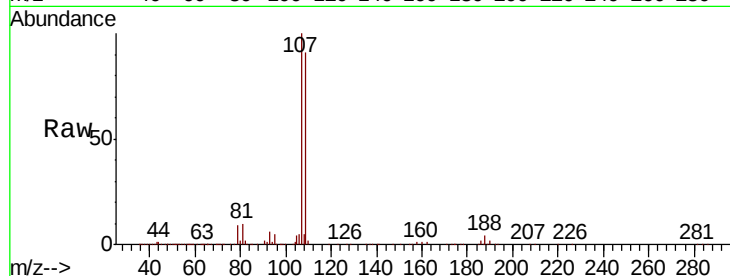
Ion Ratio Lower Upper

107 100

109 93.0 75.5 113.3

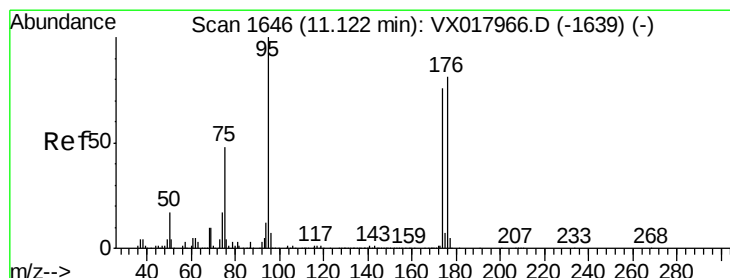
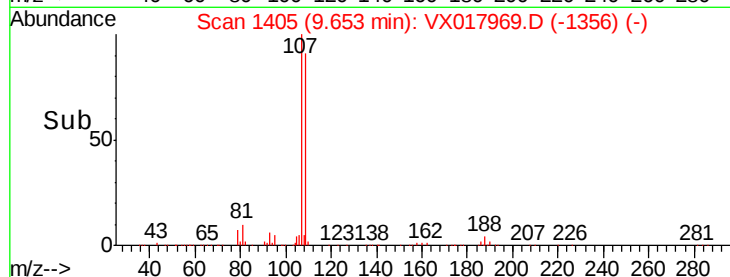
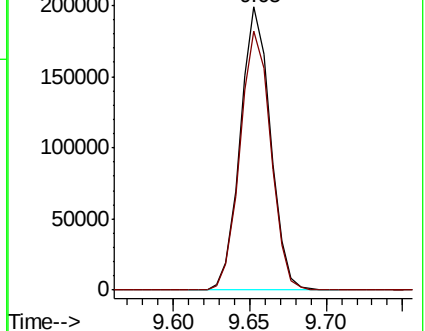
Manual Integrations
APPROVED

MMDadoda
8/24/2020 5:11:46 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.552 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

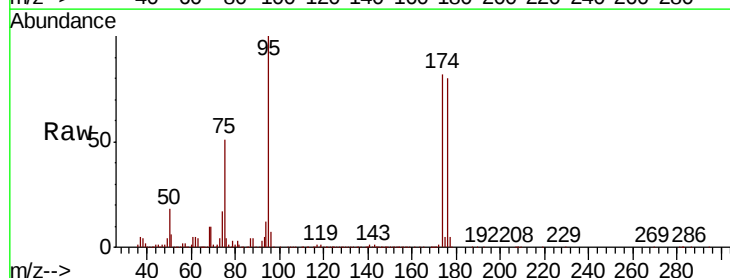
Tgt Ion: 95 Resp: 298040

Ion Ratio Lower Upper

95 100

174 84.0 0.0 166.0

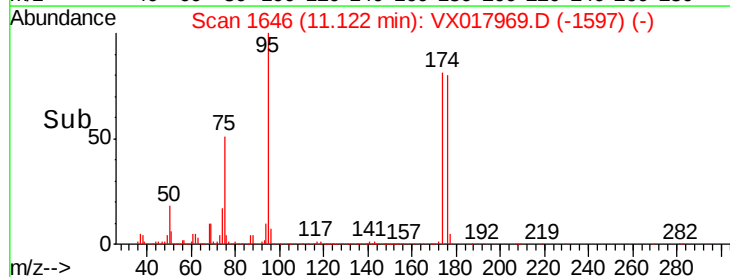
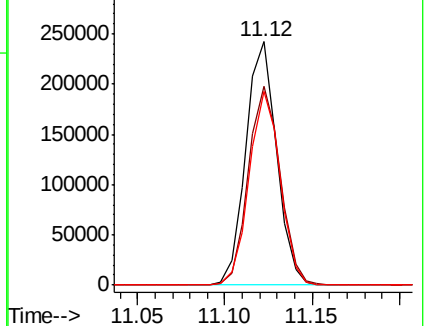
176 79.9 0.0 161.0

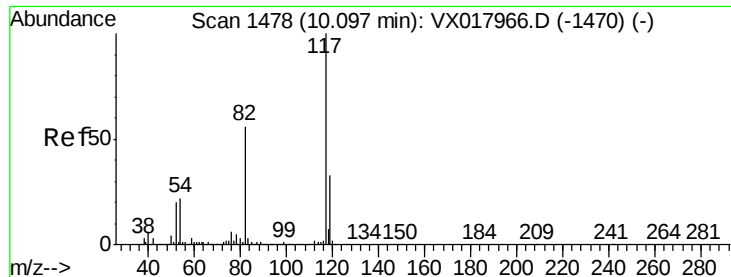


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





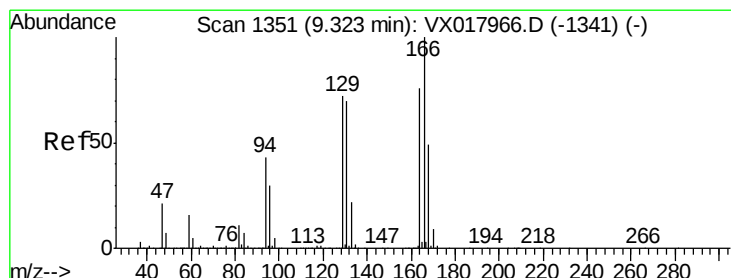
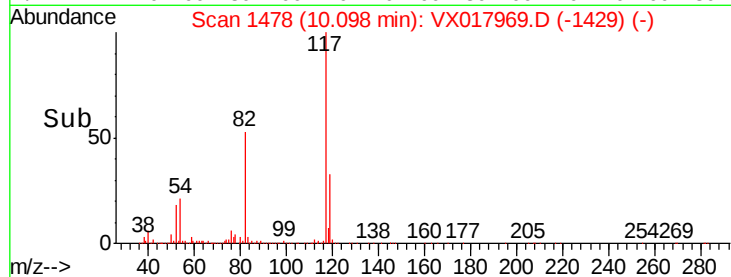
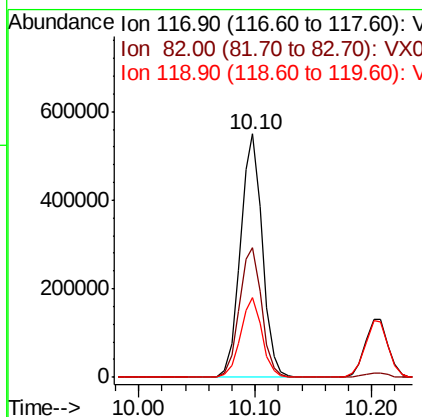
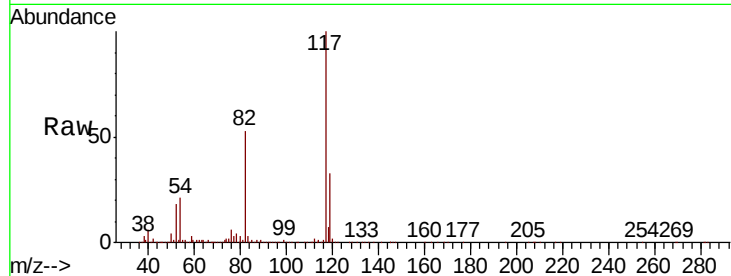
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Resp	Lower	Upper
117	100	719605		
82	53.1		44.6	66.8
119	32.7		26.2	39.4

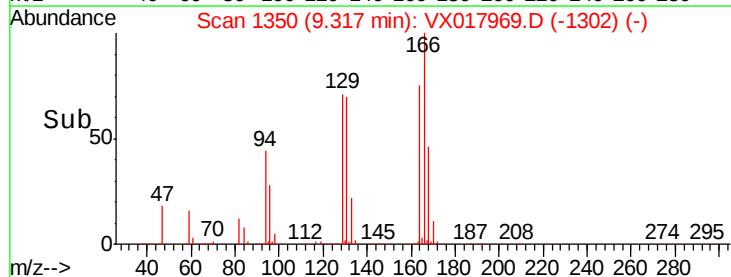
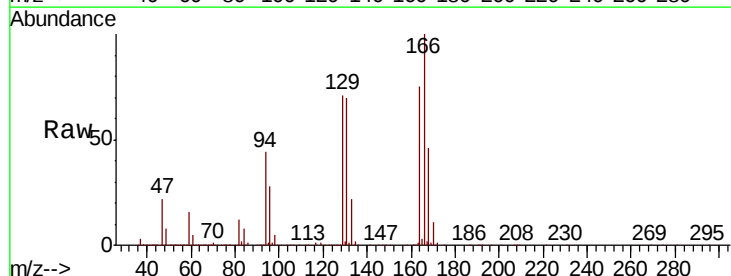
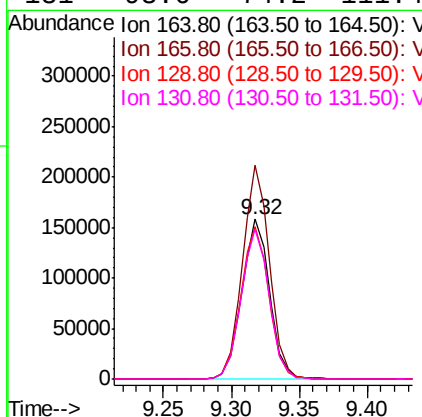
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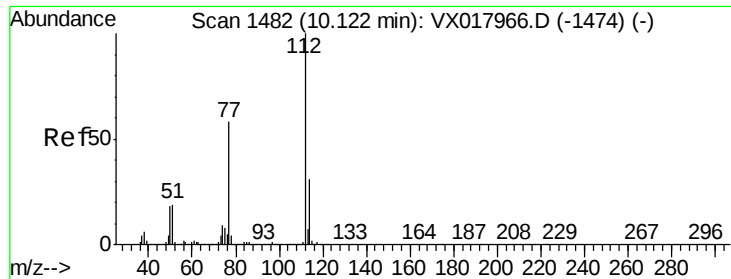
MMDadoda
8/24/2020 5:11:46 PM



#64
Tetrachloroethene
Concen: 40.723 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223794		
166	133.6		105.7	158.5
129	94.9		75.8	113.8
131	93.6		74.2	111.4





#65

Chlorobenzene

Concen: 46.261 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampled :

ICVVX081920

Tot Ion:112 Resp: 660791

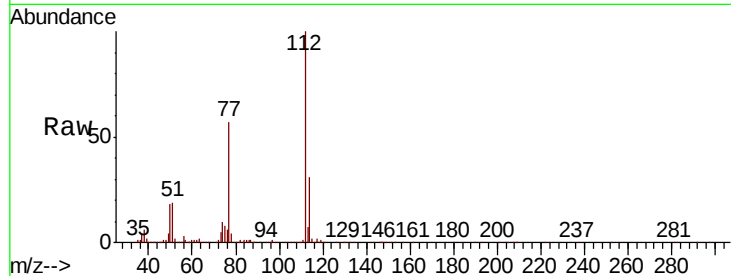
Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.6

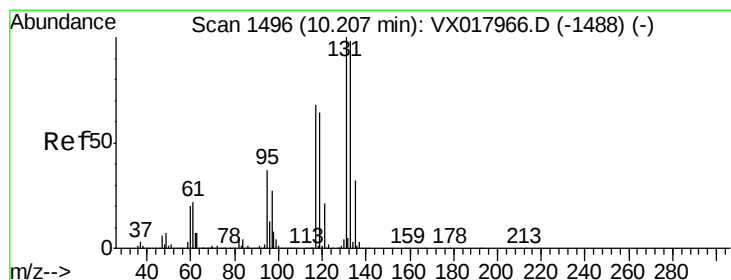
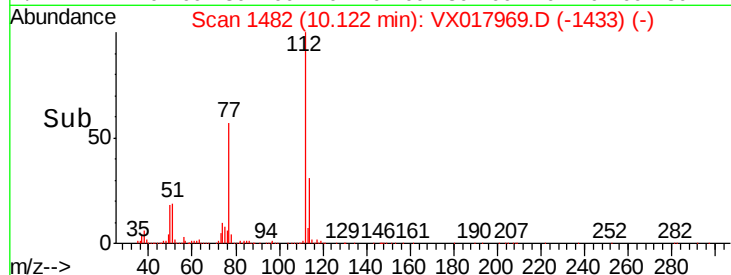
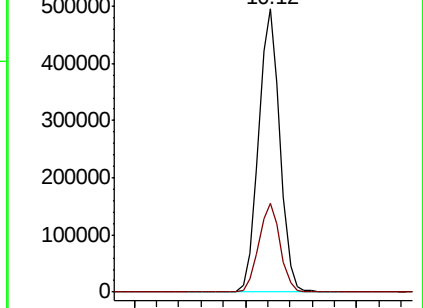
Manual Integrations
APPROVED

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 44.764 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

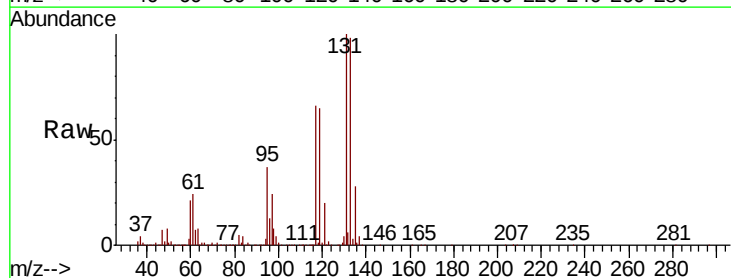
Tgt Ion:131 Resp: 270479

Ion Ratio Lower Upper

131 100

133 97.7 48.4 145.3

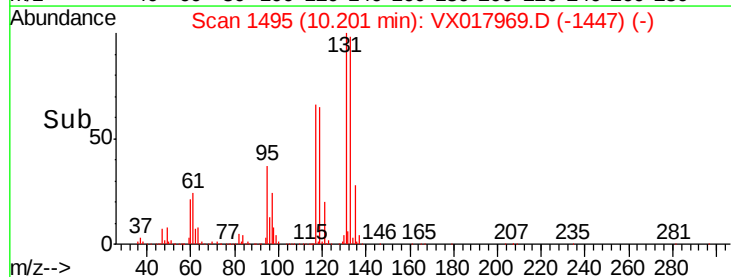
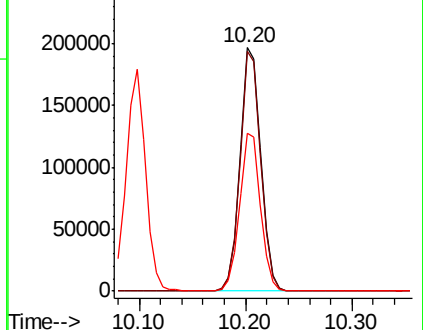
119 65.2 31.6 94.8

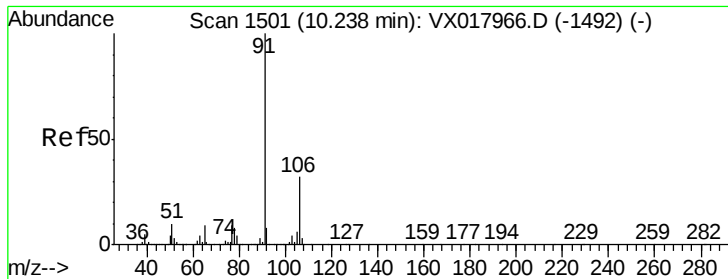


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





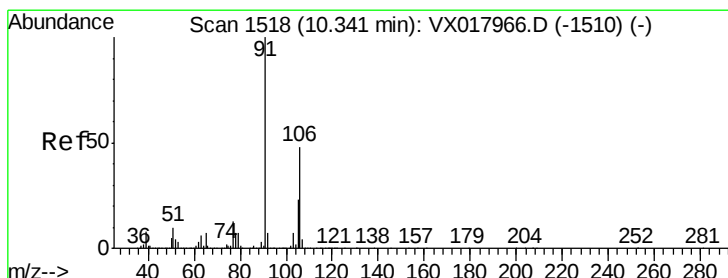
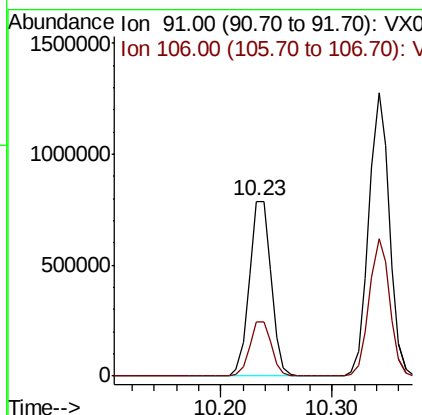
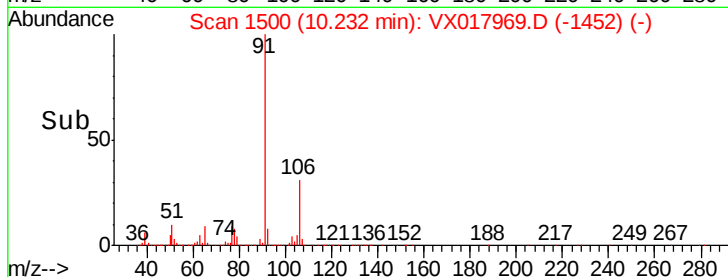
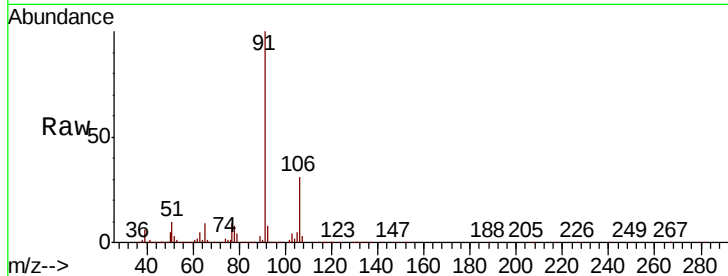
#67
Ethyl Benzene
Concen: 45.515 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion: 91 Resp: 1071783
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0

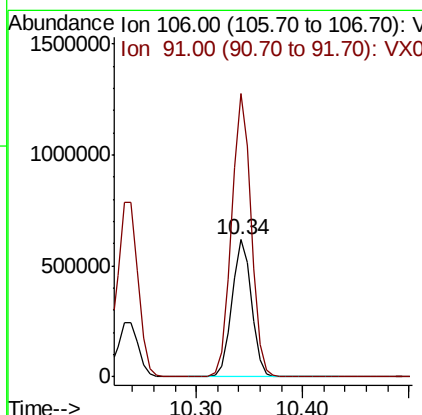
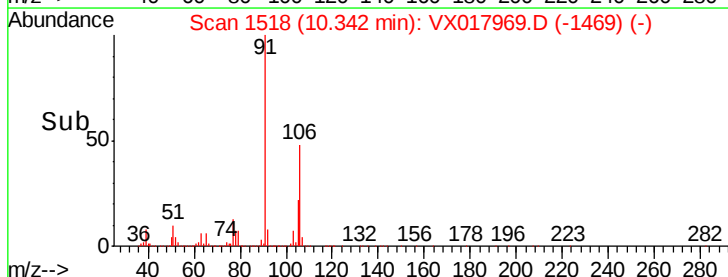
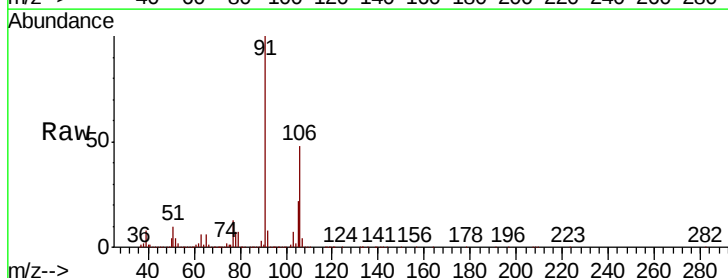
Manual Integrations
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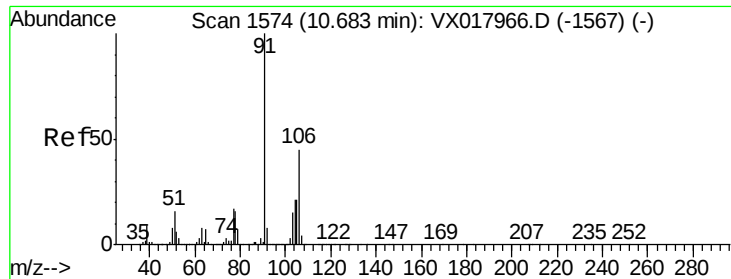
MMDadoda
8/24/2020 5:11:46 PM



#68
m/p-Xylenes
Concen: 88.681 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion: 106 Resp: 803937
Ion Ratio Lower Upper
106 100
91 205.6 167.4 251.2





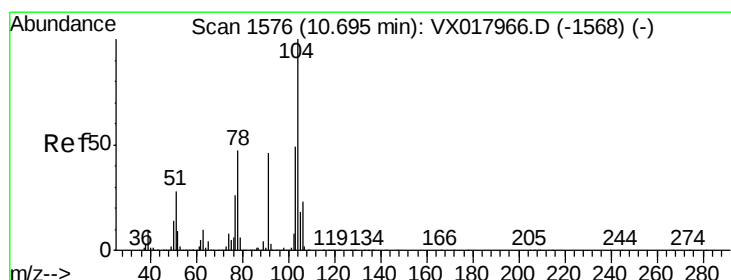
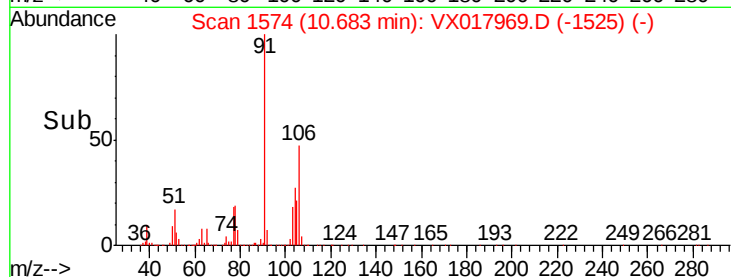
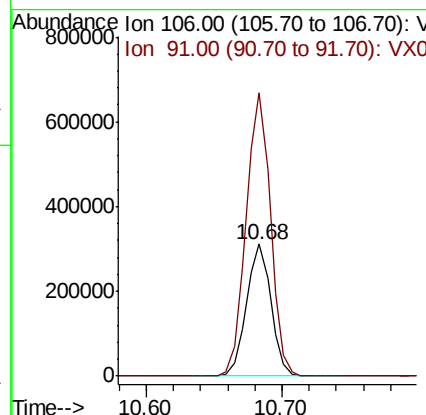
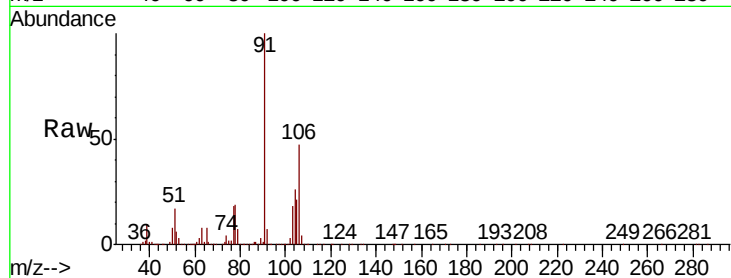
#69
o-Xylene
Concen: 44.685 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	390635		
91	91	214.7	108.1	324.2	

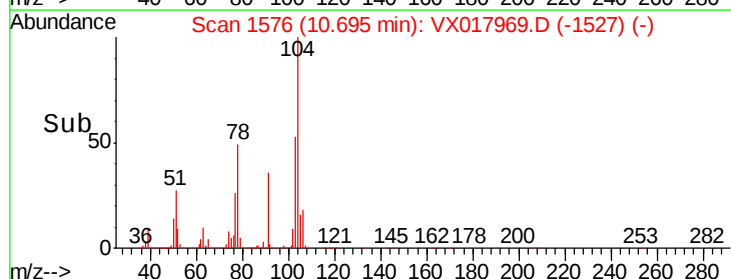
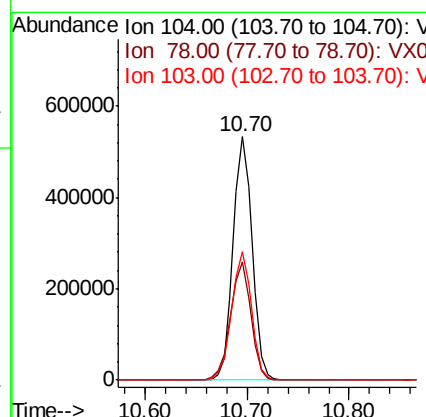
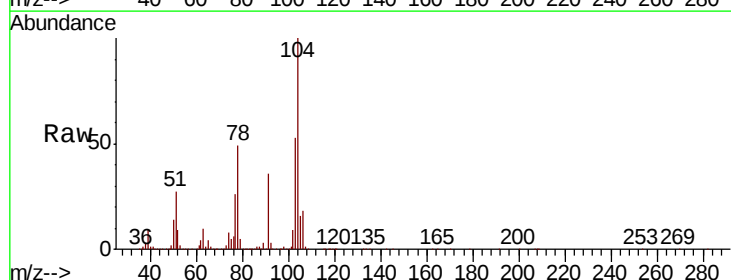
Manual Integrations
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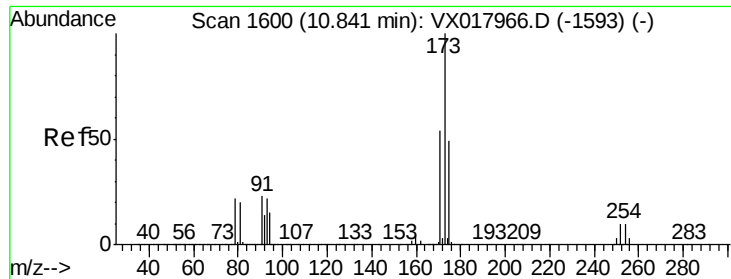
MMDadoda
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#70
Styrene
Concen: 45.457 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	685576		
78	78	52.4	41.3	61.9	
103	103	55.4	42.9	64.3	





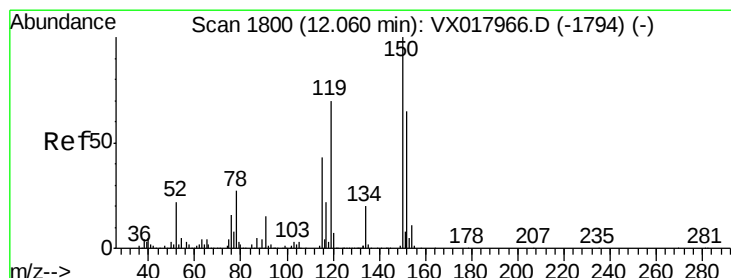
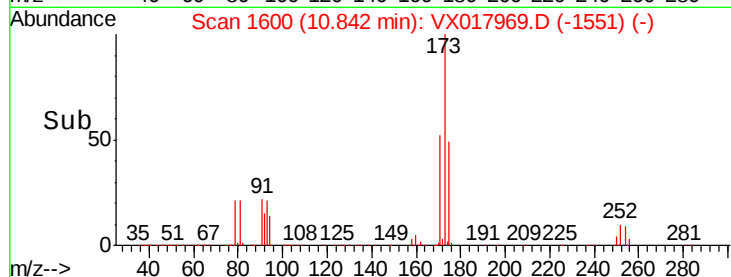
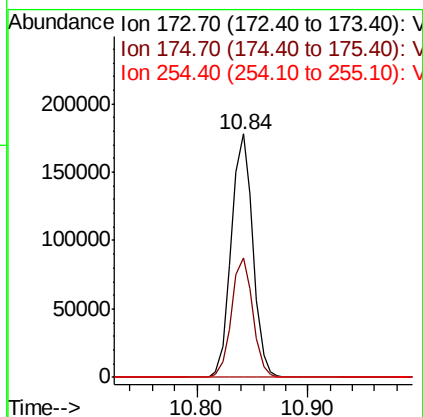
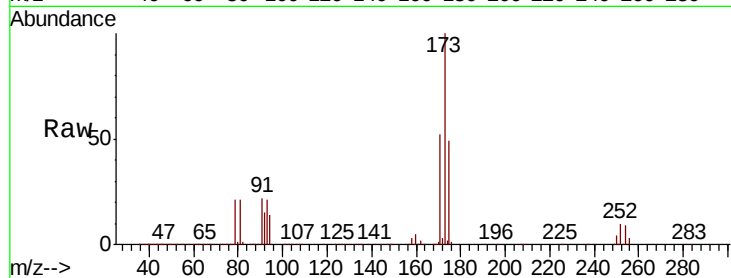
#71
Bromoform
Concen: 43.799 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.2
254	0.2	0.2	0.2

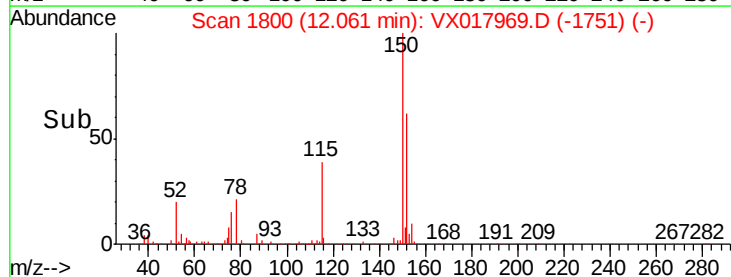
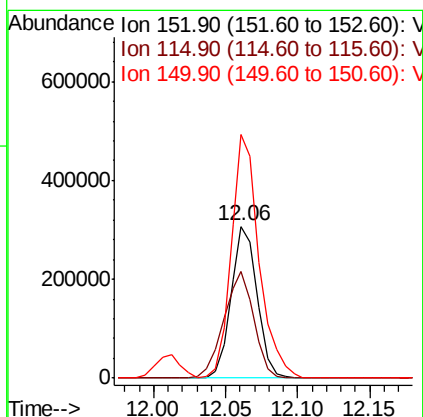
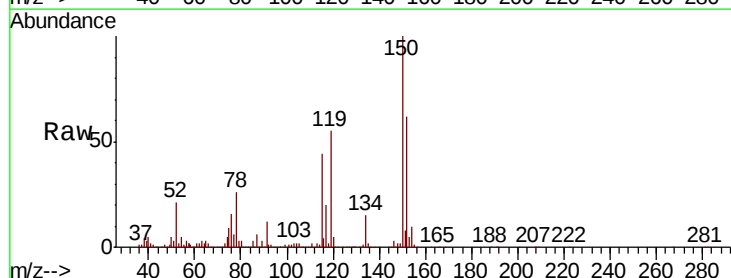
Manual Integrations
APPROVED

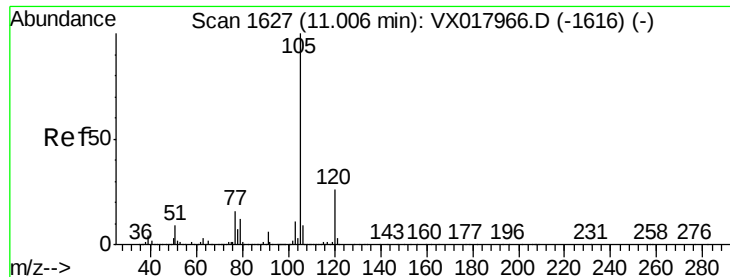
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.8	40.6	121.7
150	170.7	0.0	346.4





#73

Isopropylbenzene

Concen: 41.550 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081920

Tot Ion: 105 Resp: 1037054

Ion Ratio Lower Upper

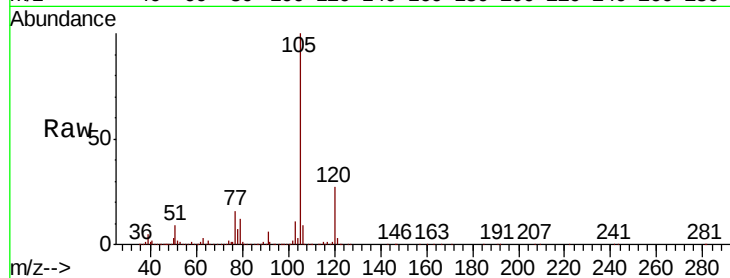
105 100

120 26.9 13.5 40.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

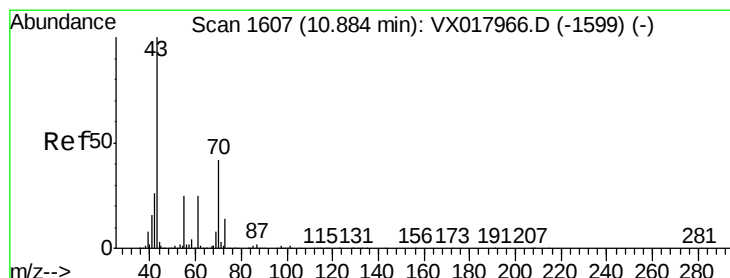
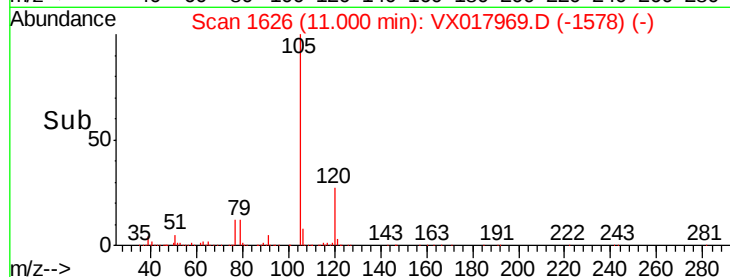
400000

200000

0

11.00

Time-->



#74

N-ethyl acetate

Concen: 47.612 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion: 43 Resp: 528573

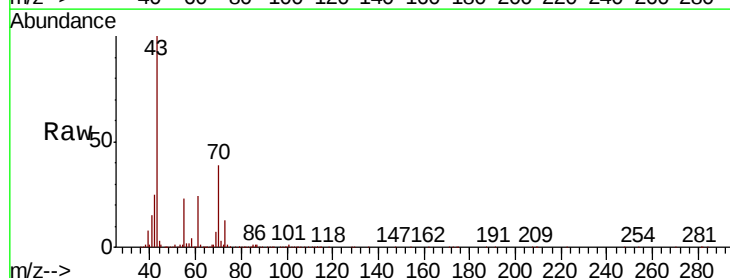
Ion Ratio Lower Upper

43 100

70 41.1 32.9 49.3

55 24.1 19.3 28.9

61 24.6 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

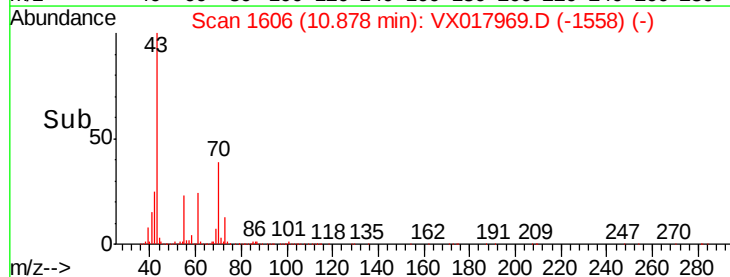
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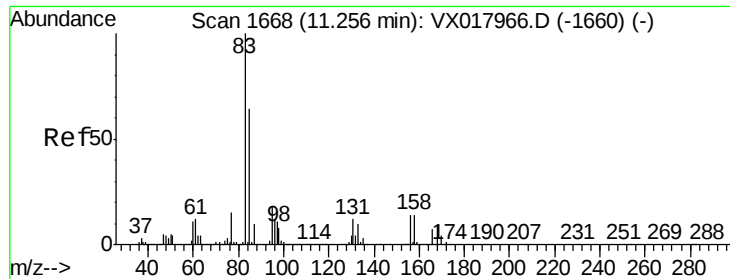
200000

0

10.88

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.840 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

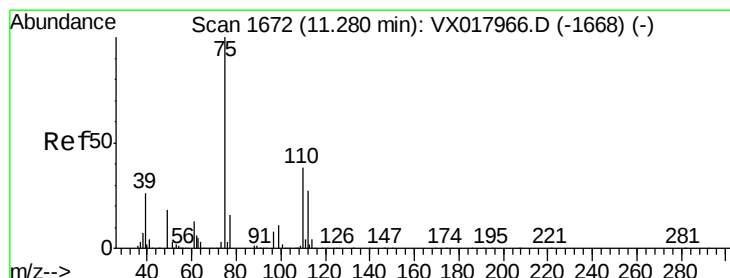
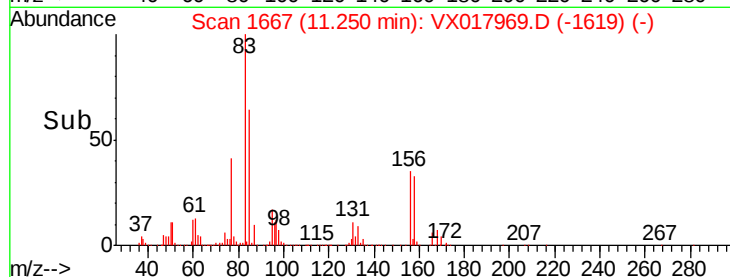
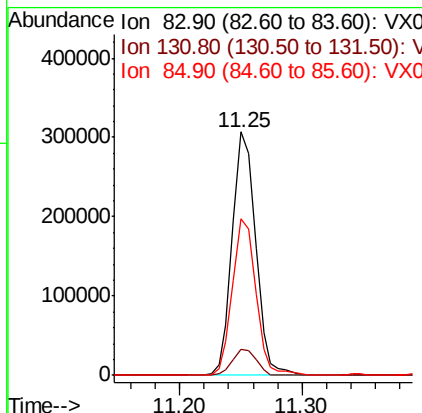
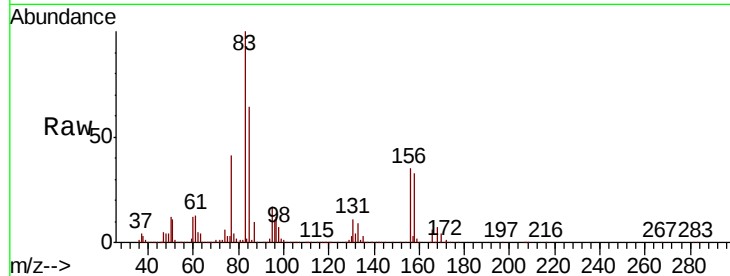
ClientSampleId :

ICVVX081920

Tot Ion:	83	Resp:	407830
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	64.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.740 ug/l m

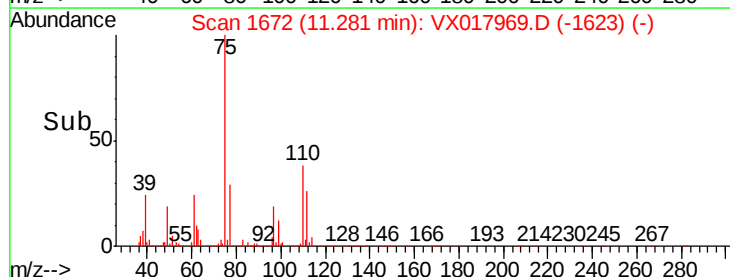
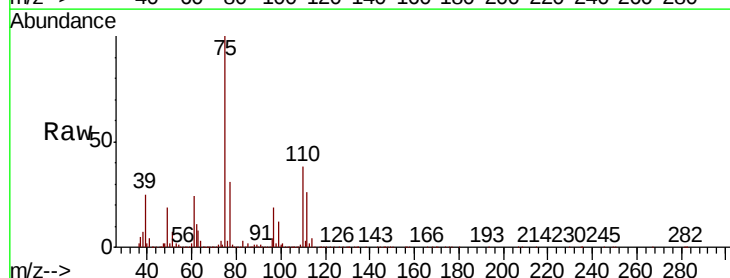
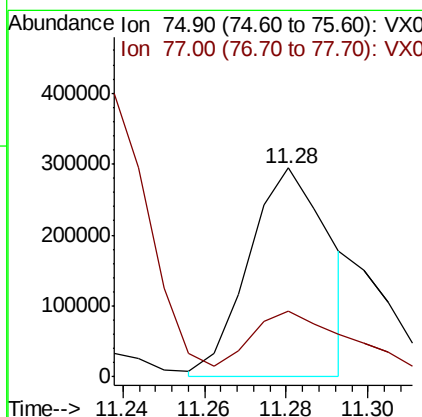
RT: 11.28 min Scan# 1672

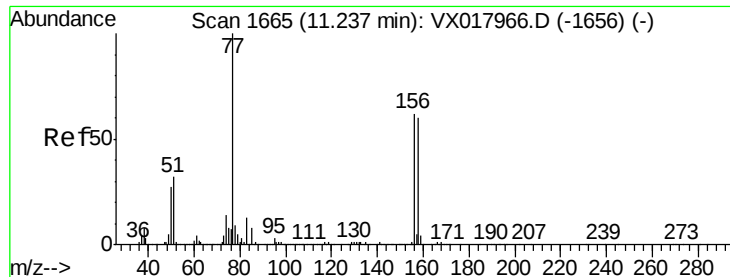
Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion:	75	Resp:	401938
Ion Ratio	Lower	Upper	
75	100		
77	40.3	21.1	63.1





#77

Bromobenzene

Concen: 47.008 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

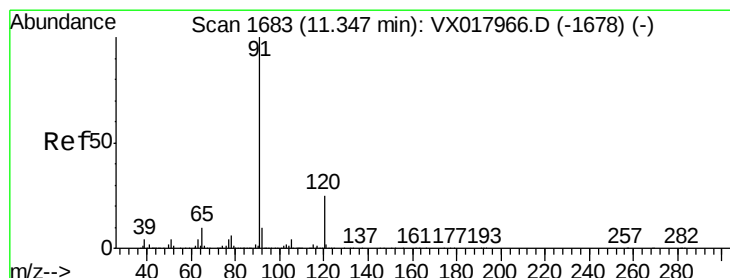
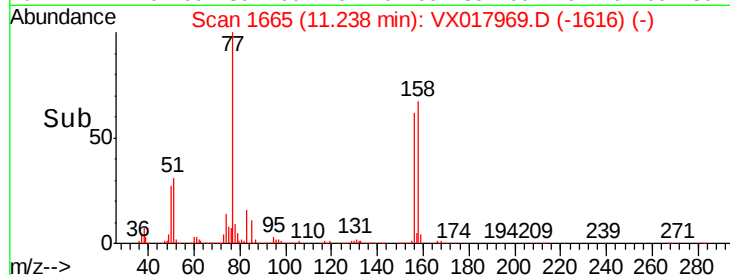
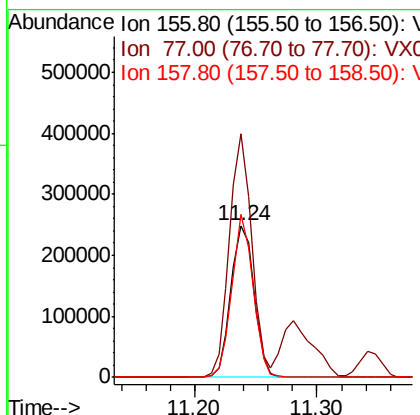
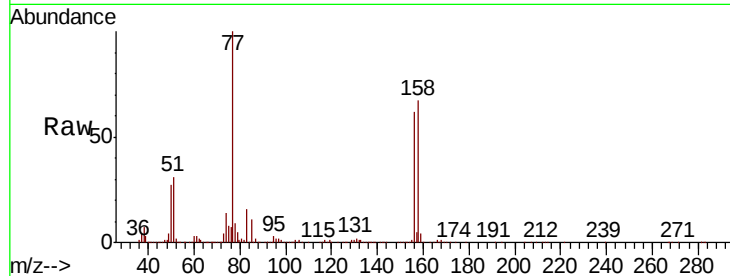
ClientSampled :

ICVVX081920

Tot Ion:	156	Resp:	325520
Ion Ratio	Lower	Upper	
156	100		
77	154.3	78.0	234.0
158	97.5	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 45.123 ug/l

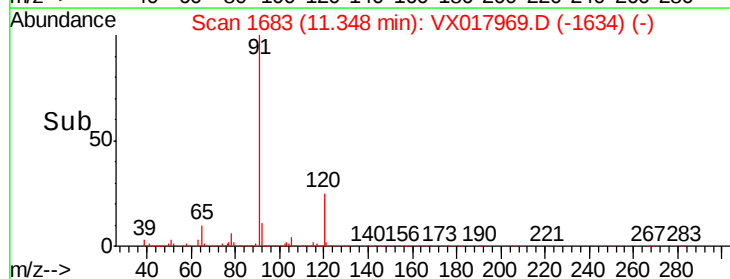
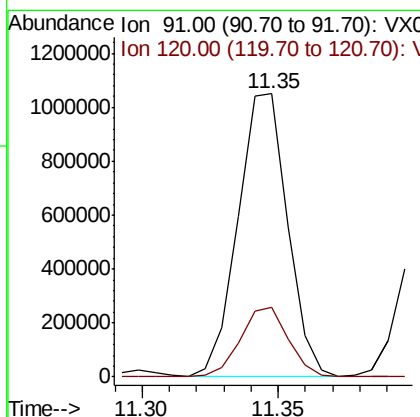
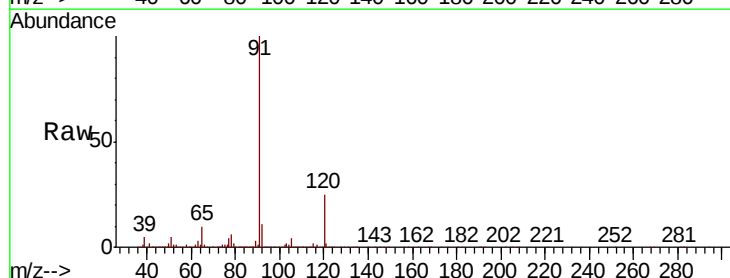
RT: 11.35 min Scan# 1683

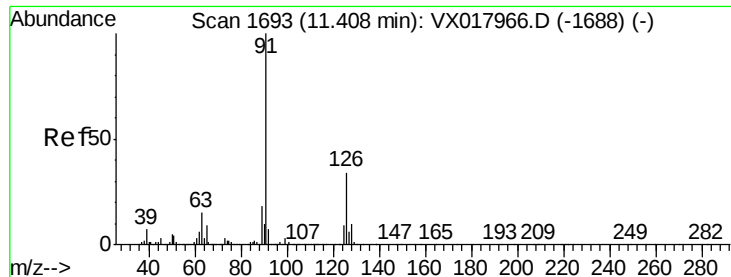
Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion:	91	Resp:	1317250
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.1





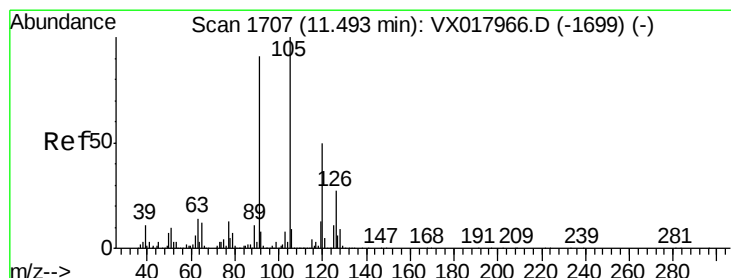
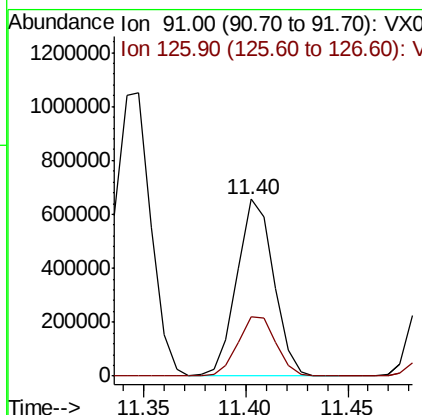
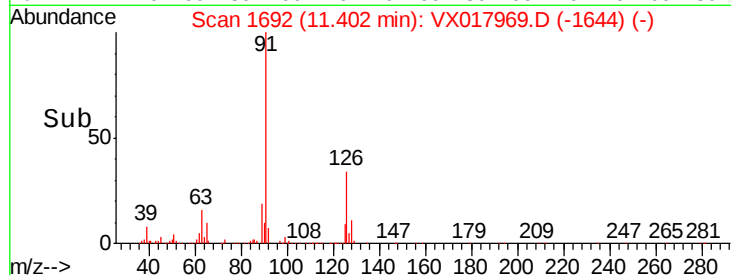
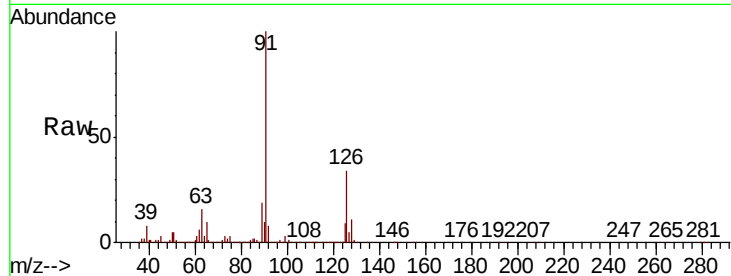
#79
 2-Chlorotoluene
 Concen: 46.251 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081920

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.1	51.2

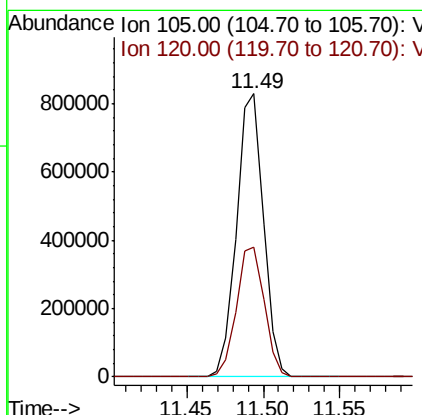
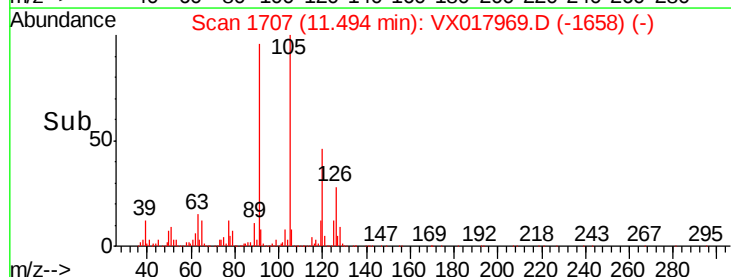
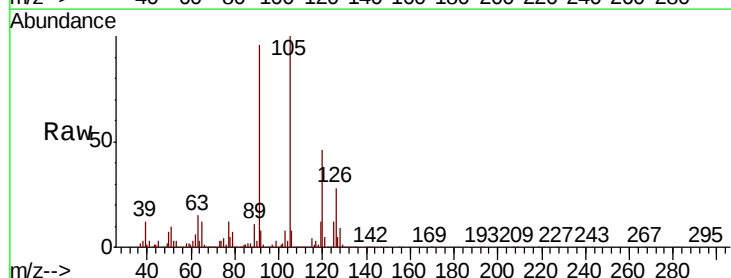
Manual Integrations
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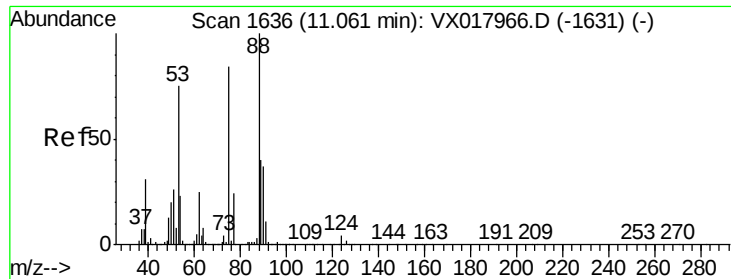
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 8/24/2020 5:11:46 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 46.106 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.1	72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 40.917 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

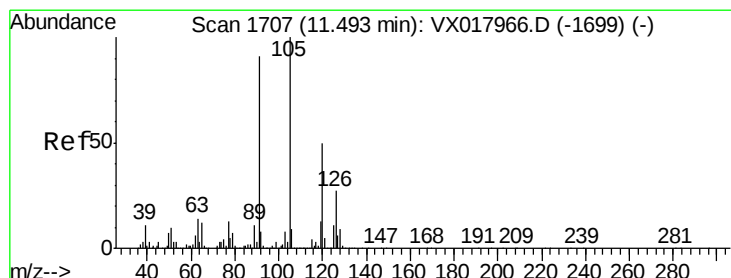
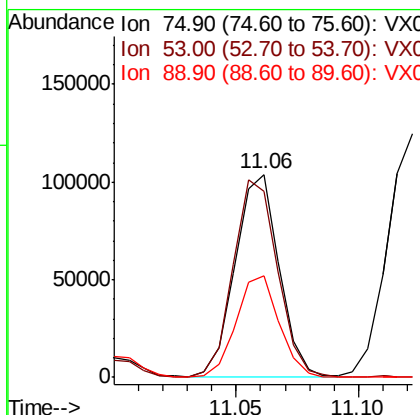
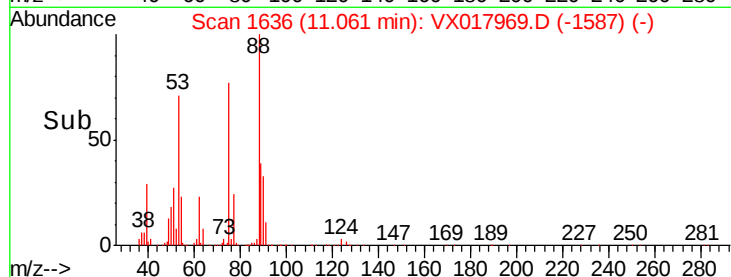
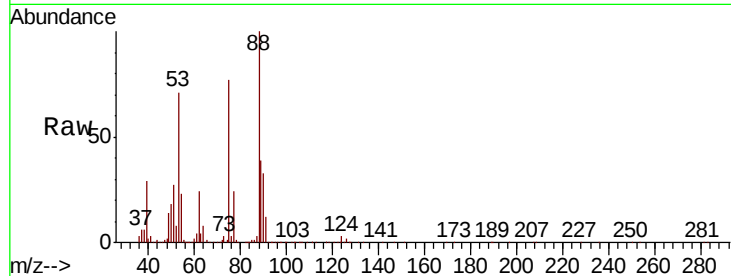
ClientSampleId :

ICVVX081920

Tot Ion:	75	Resp:	128440
Ion Ratio	Lower	Upper	
75	100		
53	98.6	75.2	112.8
89	49.9	38.4	57.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.448 ug/l

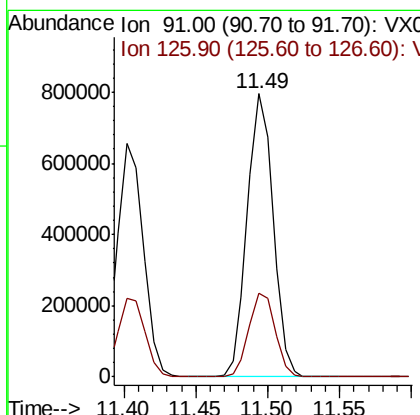
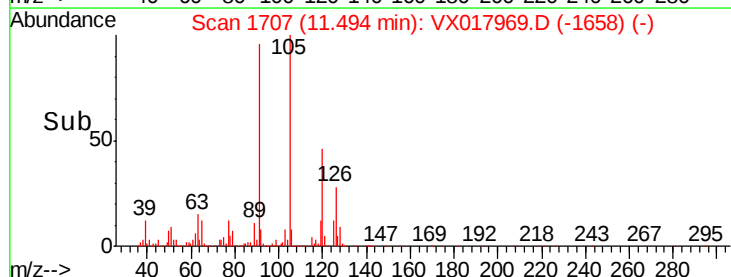
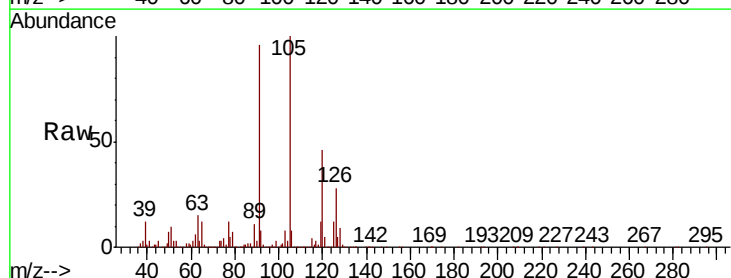
RT: 11.49 min Scan# 1707

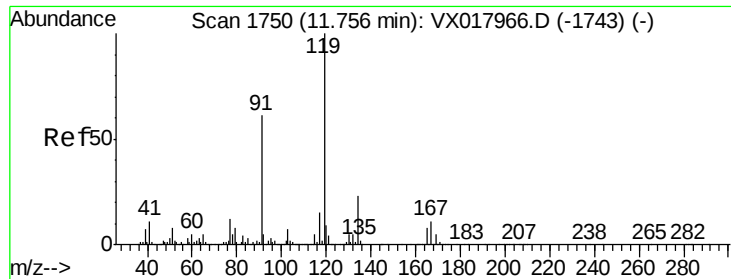
Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion:	91	Resp:	992670
Ion Ratio	Lower	Upper	
91	100		
126	30.1	15.0	45.0





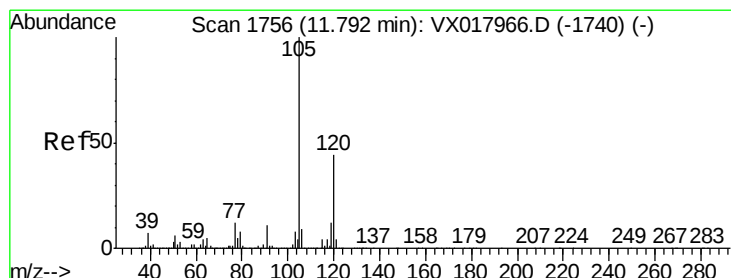
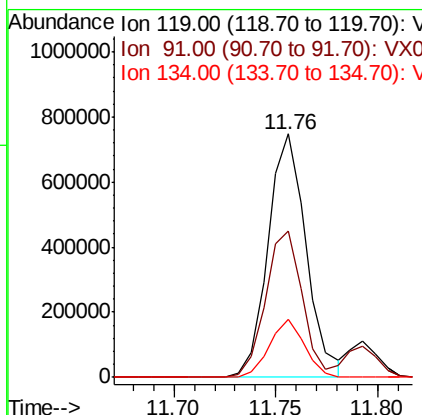
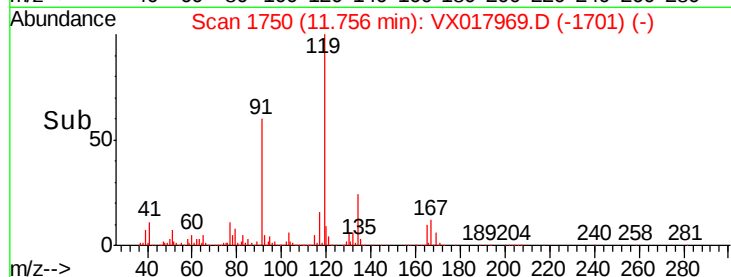
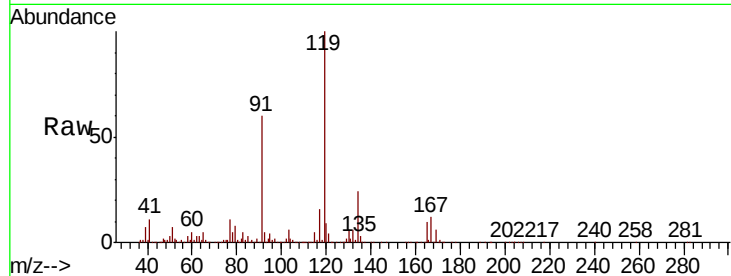
#83
tert-Butylbenzene
Concen: 46.974 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	30.1	90.5
134	22.3	11.1	33.1

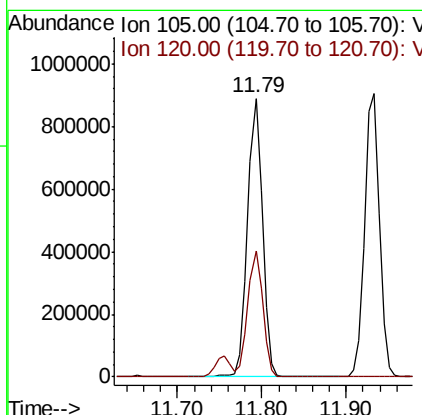
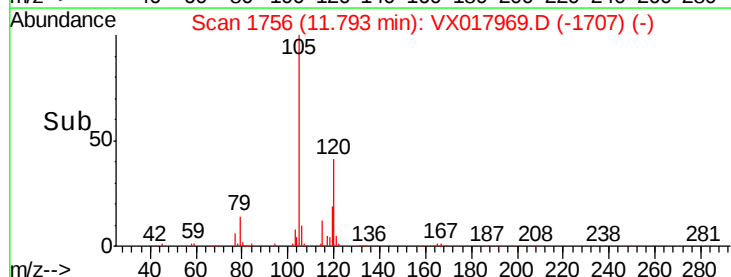
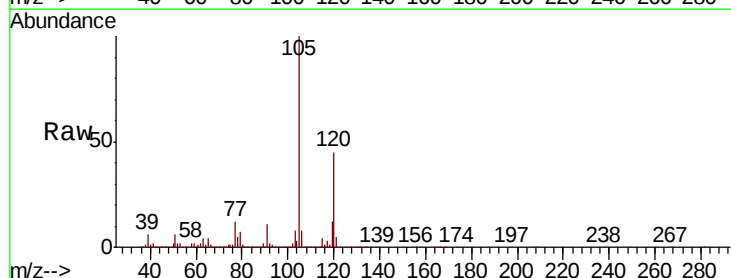
Manual Integrations
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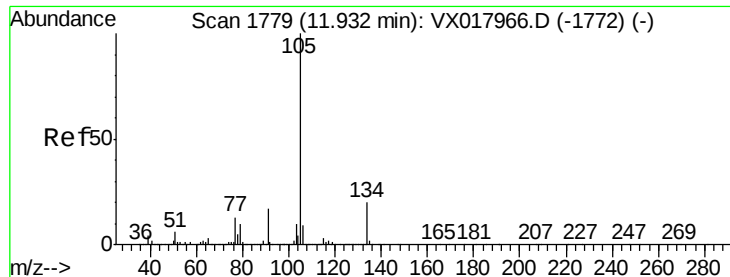
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#84
1,2,4-Trimethylbenzene
Concen: 46.030 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.1	66.1





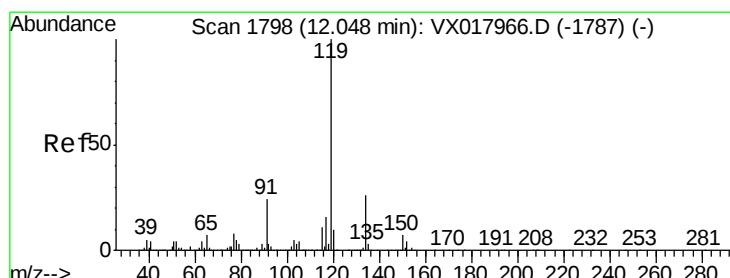
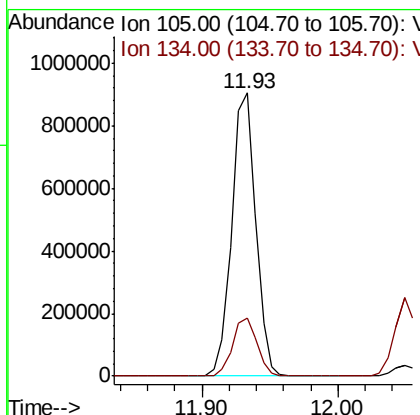
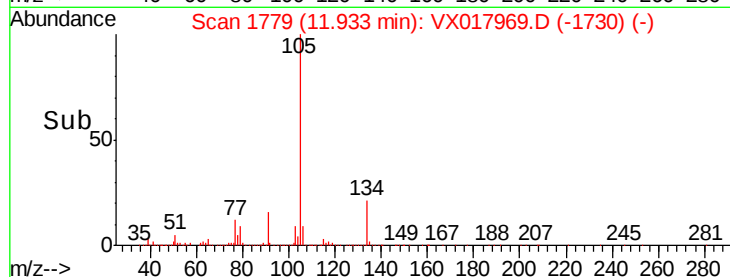
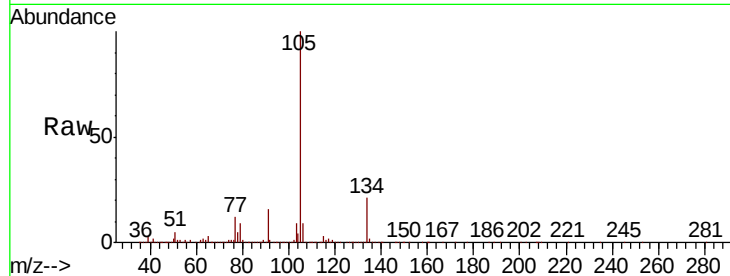
#85
 sec-Butylbenzene
 Concen: 44.364 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX081920

Tot Ion:105 Resp: 1108030
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9

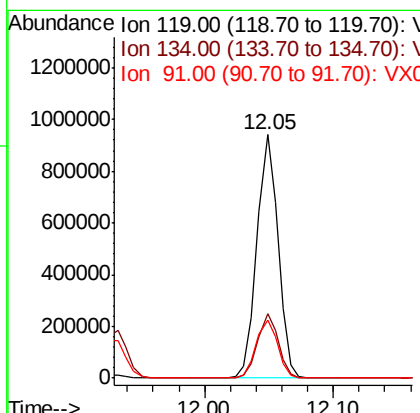
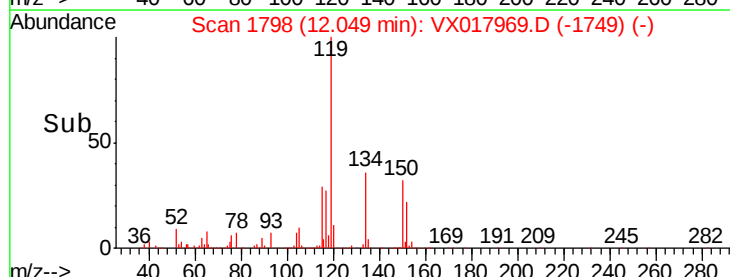
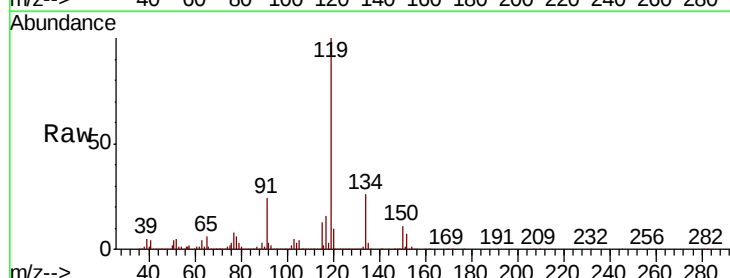
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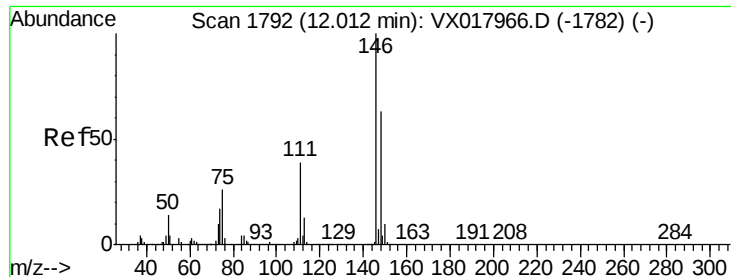
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#86
 p-Isopropyltoluene
 Concen: 45.580 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Tgt Ion:119 Resp: 1058970
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.0
 91 24.4 12.2 36.4





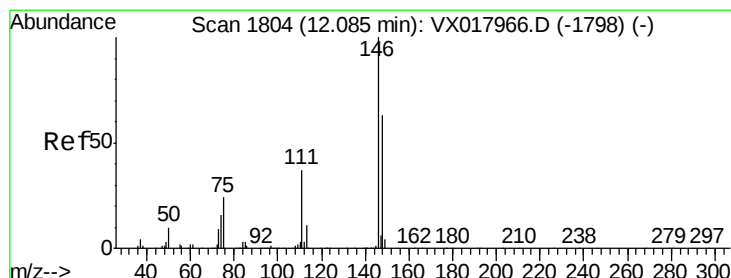
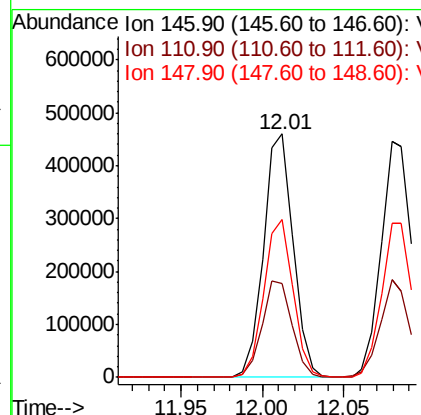
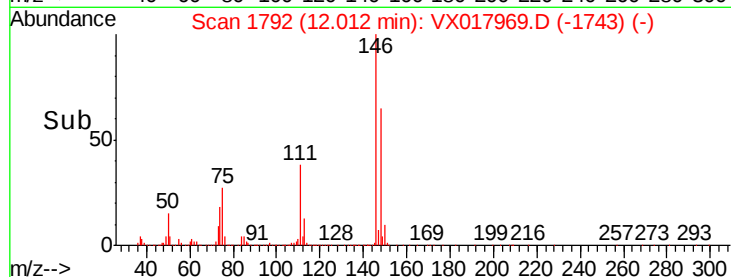
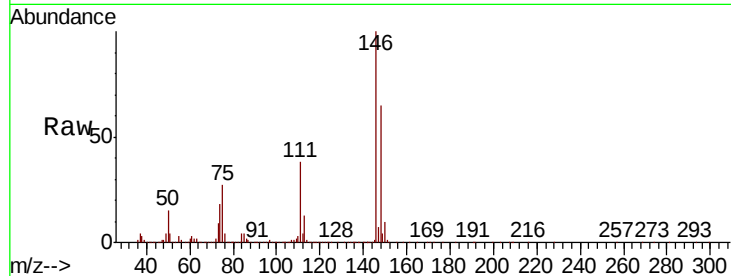
#87
 1,3-Dichlorobenzene
 Concen: 45.727 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081920

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.3
148	63.9	31.6	95.0

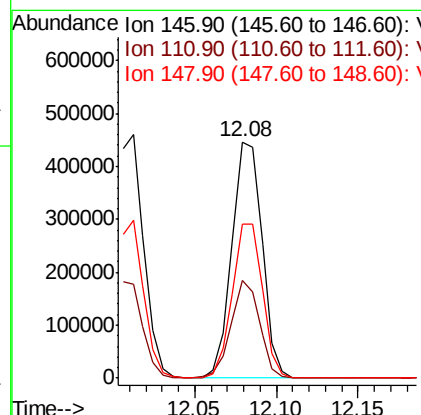
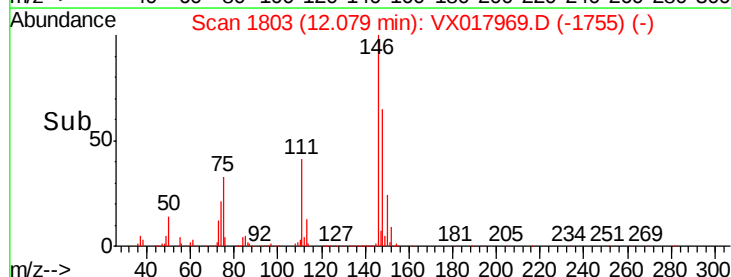
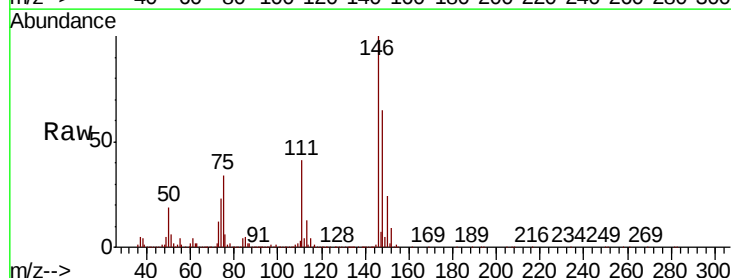
Manual Integrations
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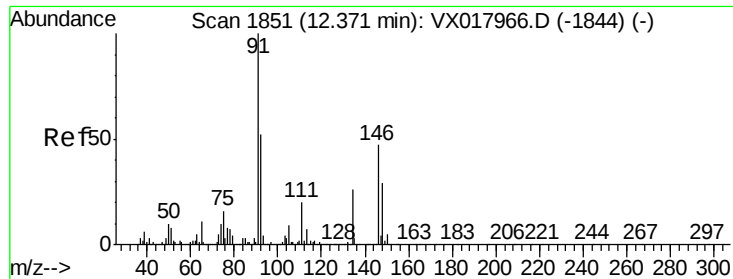
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#88
 1,4-Dichlorobenzene
 Concen: 46.618 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017969.D
 Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	65.5	31.9	95.7





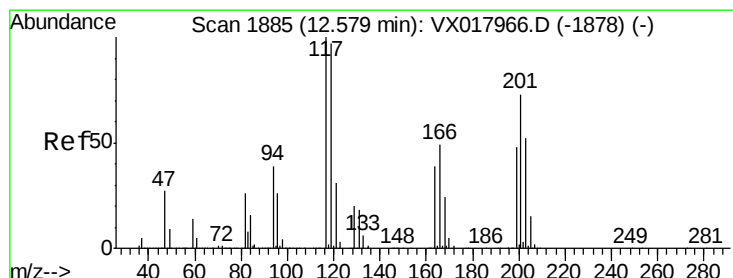
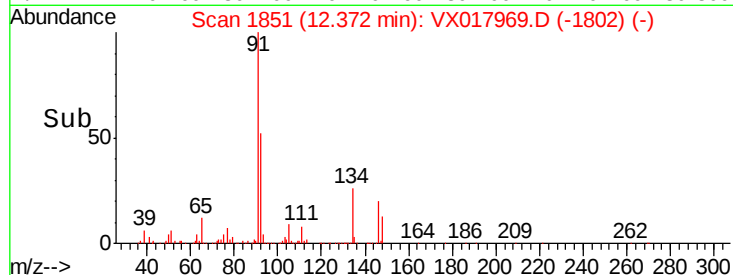
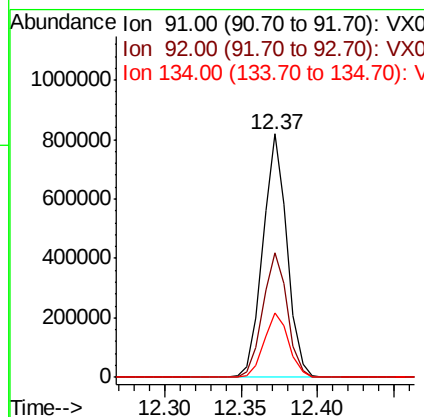
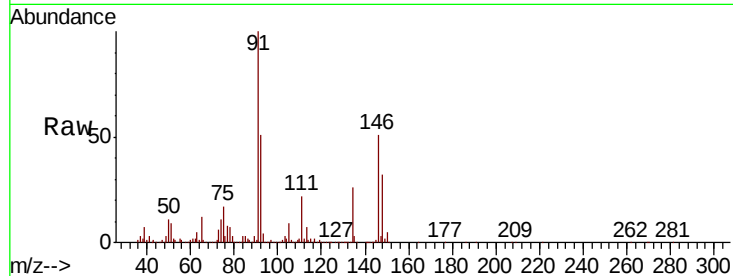
#89
n-Butylbenzene
Concen: 46.774 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Resp	Lower	Upper
91	100	899420		
92	52.3		25.7	77.0
134	27.2		13.4	40.2

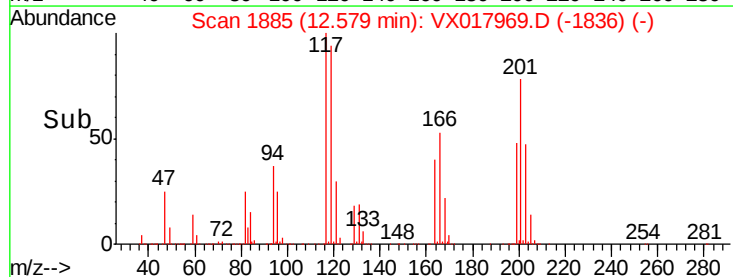
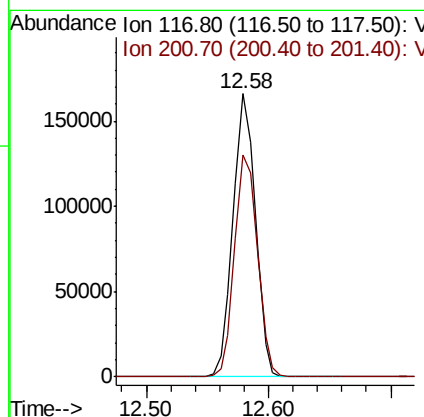
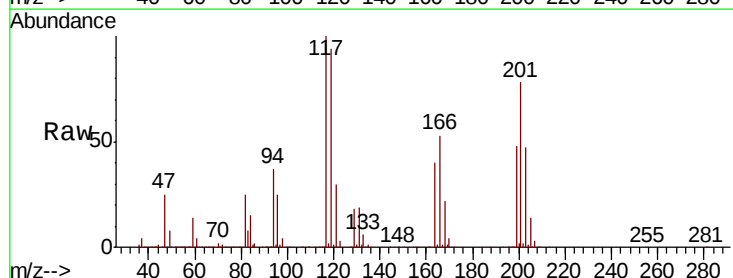
Manual Integrations
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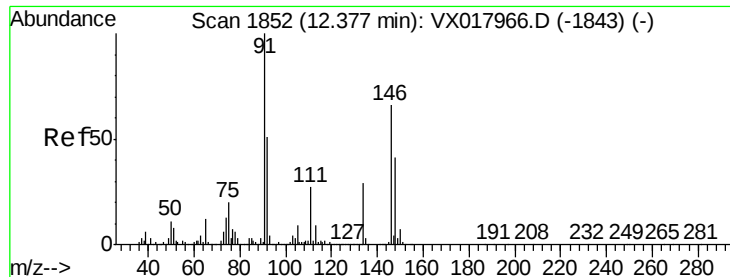
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#90
Hexachloroethane
Concen: 45.452 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	210023		
201	80.2		40.8	122.2





#91

1,2-Dichlorobenzene

Concen: 48.361 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Instrument :

MSVOA_X

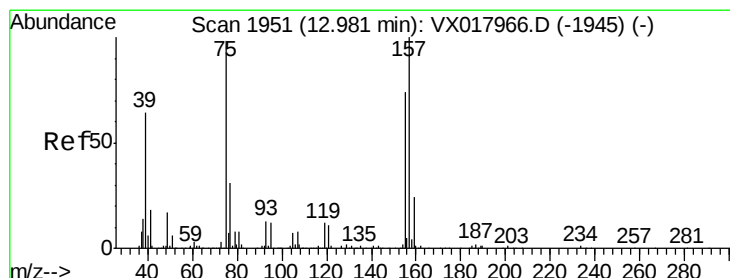
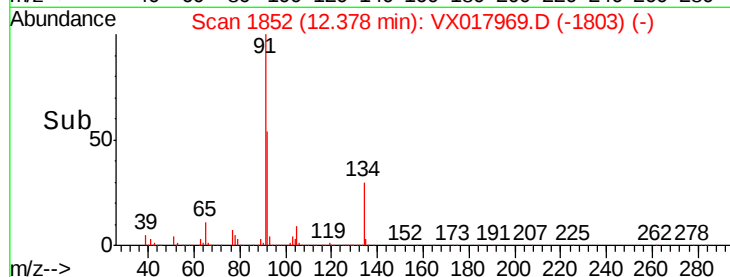
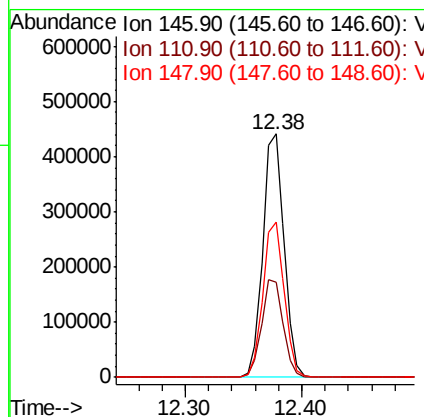
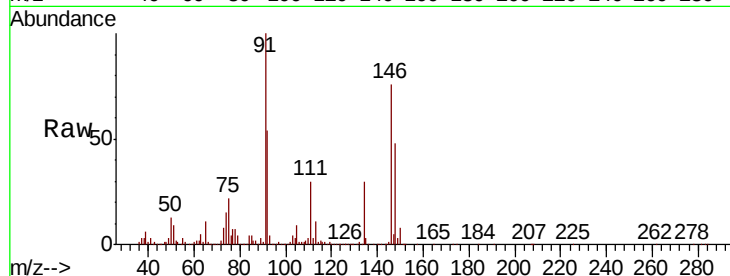
ClientSampleId :

ICVVX081920

Tot Ion:	146	Resp:	562675
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.6	61.9
148	63.9	31.2	93.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.356 ug/l

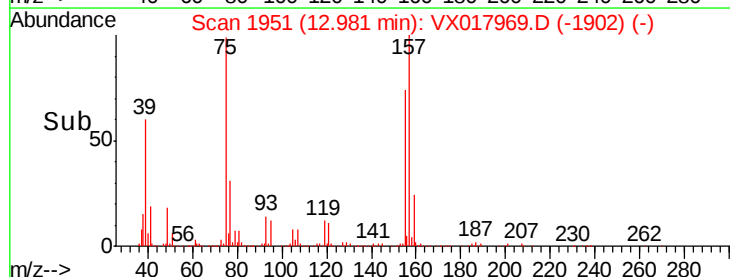
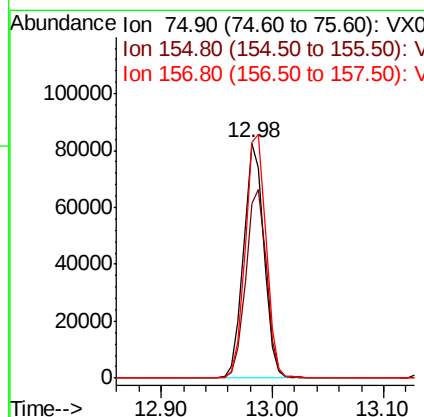
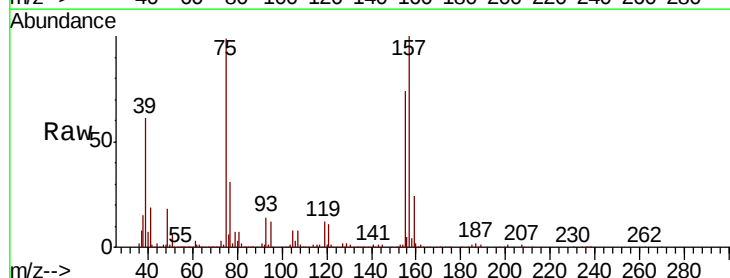
RT: 12.98 min Scan# 1951

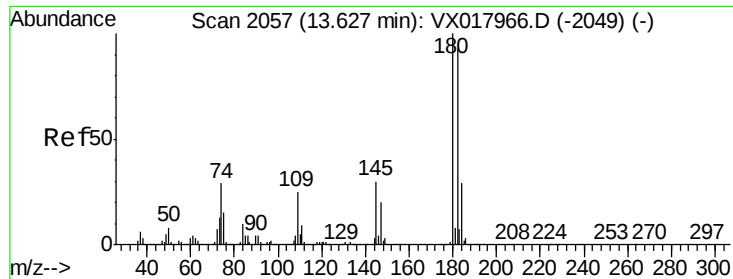
Delta R.T. 0.00 min

Lab File: VX017969.D

Acq: 18 Aug 2020 22:15

Tgt Ion:	75	Resp:	105031
Ion Ratio	Lower	Upper	
75	100		
155	81.4	40.5	121.5
157	105.4	54.4	163.2





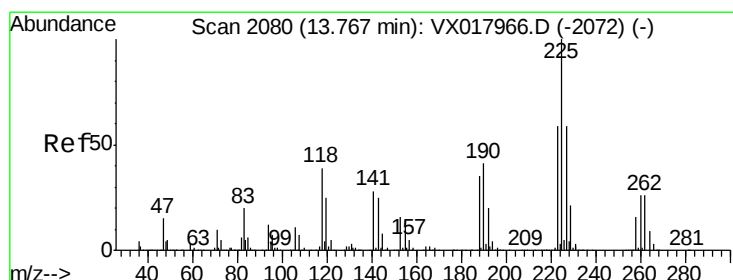
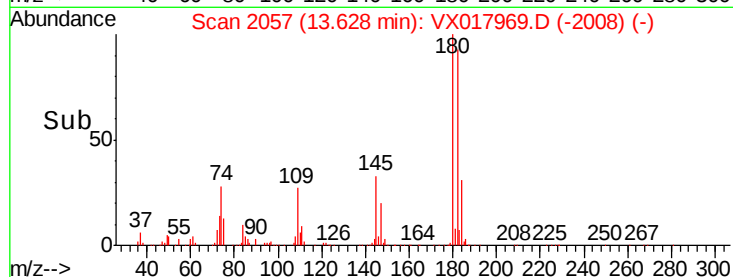
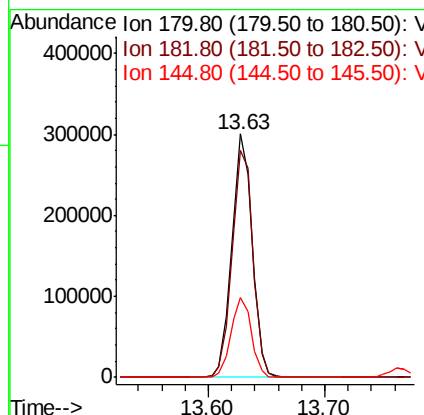
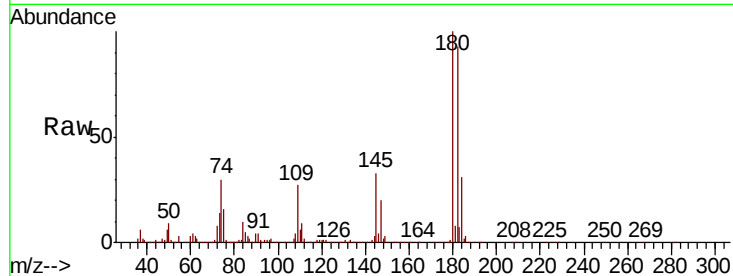
#93
1,2,4-Trichlorobenzene
Concen: 47.639 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Resp	Lower	Upper
180	100	364637		
182	96.0	48.8	146.4	
145	32.9	16.0	48.0	

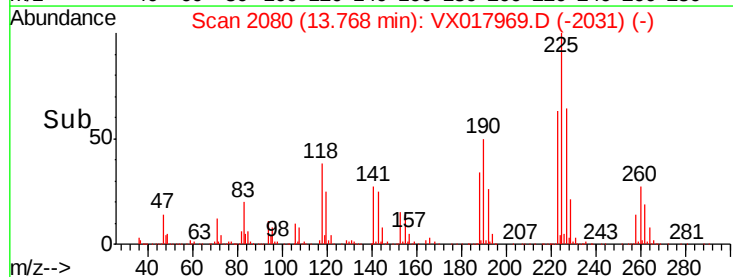
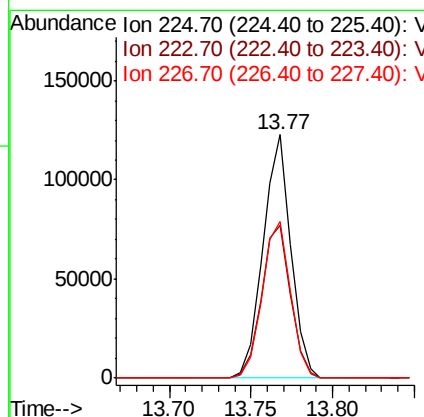
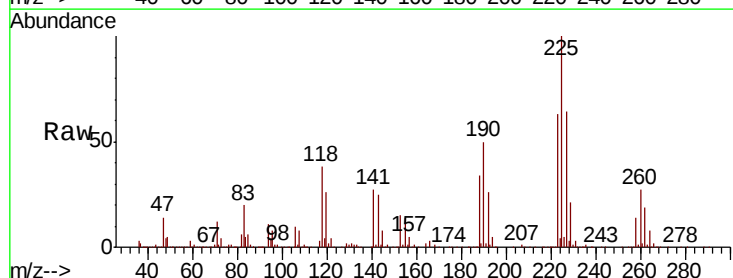
Manual Integrations
APPROVED

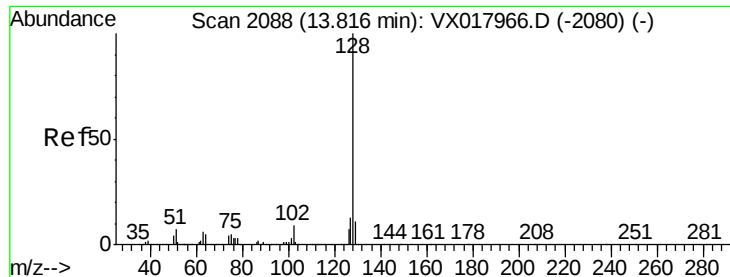
MMDadoda
8/24/2020 5:11:46 PM



#94
Hexachlorobutadiene
Concen: 44.220 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144444		
223	65.9	32.1	96.3	
227	65.7	29.8	89.5	





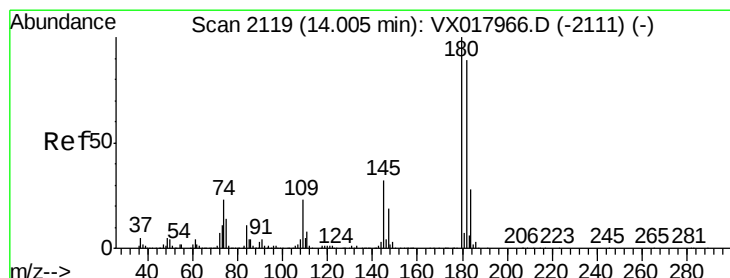
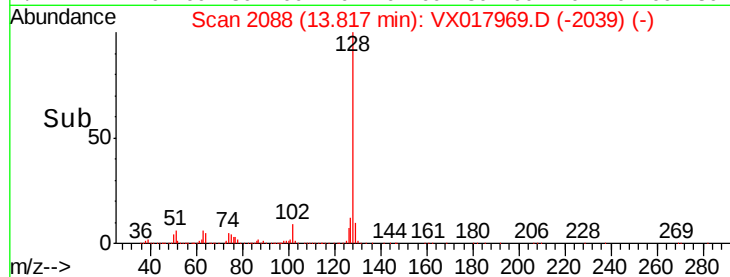
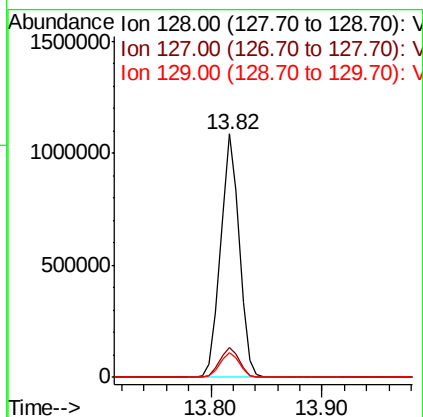
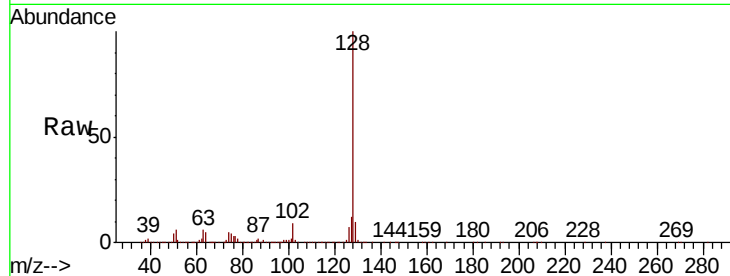
#95
Naphthalene
Concen: 52.095 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081920

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/24/2020 5:11:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.626 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX017969.D
Acq: 18 Aug 2020 22:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.6	139.8
145	33.5	16.8	50.4

