

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017007.D
 Acq On : 29 Jun 2020 14:35
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:12:44 AM

Quant Time: Jun 29 17:07:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:54:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	290713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	441650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221915	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	20382	5.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.38%	
35) Dibromofluoromethane	5.47	113	16164	5.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.92%	
50) Toluene-d8	8.70	98	57979	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	
62) 4-Bromofluorobenzene	11.12	95	21660	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	12757	4.536	ug/l 95
3) Chloromethane	1.31	50	16515	4.851	ug/l 98
4) Vinyl Chloride	1.39	62	15063	4.769	ug/l 98
5) Bromomethane	1.62	94	9130	5.471	ug/l 93
6) Chloroethane	1.71	64	9071	4.863	ug/l 94
7) Trichlorofluoromethane	1.92	101	23461	5.022	ug/l 100
8) Diethyl Ether	2.17	74	8400	4.926	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14334	5.120	ug/l 95
10) Methyl Iodide	2.49	142	15765	4.364	ug/l 99
11) Tert butyl alcohol	3.01	59	17445	25.515	ug/l 98
12) 1,1-Dichloroethene	2.35	96	14455	5.026	ug/l 95
13) Acrolein	2.27	56	10708	26.200	ug/l 95
14) Allyl chloride	2.71	41	26065	4.904	ug/l 99
15) Acrylonitrile	3.12	53	41839	25.456	ug/l 99
16) Acetone	2.42	43	33653	25.101	ug/l 95
17) Carbon Disulfide	2.55	76	43570	4.946	ug/l 99
18) Methyl Acetate	2.75	43	18899	5.400	ug/l 96
19) Methyl tert-butyl Ether	3.17	73	47818	4.954	ug/l 97
20) Methylene Chloride	2.84	84	17833	5.204	ug/l 95
21) trans-1,2-Dichloroethene	3.14	96	16148	5.059	ug/l 100
22) Diisopropyl ether	3.83	45	49167	4.998	ug/l 93
23) Vinyl Acetate	3.79	43	205850	24.350	ug/l 100
24) 1,1-Dichloroethane	3.67	63	28565	5.103	ug/l 97
25) 2-Butanone	4.64	43	55389	24.794	ug/l 98
26) 2,2-Dichloropropane	4.55	77	25438	5.118	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	18376	5.081	ug/l 99
28) Bromochloromethane	4.98	49	13972	5.129	ug/l 97
29) Tetrahydrofuran	5.09	42	36817	24.943	ug/l 98
30) Chloroform	5.18	83	29251	5.098	ug/l 97
31) Cyclohexane	5.54	56	24573	5.079	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	26061	4.931	ug/l 98
36) 1,1-Dichloropropene	5.77	75	21105	4.776	ug/l 97
37) Ethyl Acetate	4.80	43	22559	5.031	ug/l 97
38) Carbon Tetrachloride	5.75	117	24334	4.999	ug/l 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	23052	4.688	ug/l	97
40) Benzene	6.11	78	64310	4.953	ug/l	99
41) Methacrylonitrile	5.01	41	11790	4.672	ug/l	98
42) 1,2-Dichloroethane	6.16	62	23459	5.002	ug/l	98
43) Isopropyl Acetate	6.42	43	34752	4.664	ug/l	97
44) Trichloroethene	7.18	130	19447	4.972	ug/l	98
45) 1,2-Dichloropropane	7.49	63	16777	5.031	ug/l	94
46) Dibromomethane	7.64	93	11305	4.965	ug/l	97
47) Bromodichloromethane	7.88	83	22730	4.844	ug/l	91
48) Methyl methacrylate	7.74	41	16835	4.756	ug/l	99
49) 1,4-Dioxane	7.71	88	7784	97.063	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	107508	24.205	ug/l	99
52) Toluene	8.77	92	39228	4.839	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	24321	4.698	ug/l	94
54) cis-1,3-Dichloropropene	8.41	75	27082	4.880	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	16682	5.036	ug/l	95
56) Ethyl methacrylate	9.16	69	20742	4.400	ug/l	96
57) 1,3-Dichloropropane	9.35	76	27782	4.957	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	56498	24.079	ug/l	99
59) 2-Hexanone	9.47	43	78308	24.141	ug/l	96
60) Dibromochloromethane	9.57	129	18326	4.764	ug/l	99
61) 1,2-Dibromoethane	9.65	107	17491	4.913	ug/l	96
64) Tetrachloroethene	9.32	164	18832	5.283	ug/l	96
65) Chlorobenzene	10.12	112	45383	4.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	17103	4.869	ug/l	99
67) Ethyl Benzene	10.23	91	72409	4.757	ug/l	97
68) m/p-Xylenes	10.34	106	54898	9.392	ug/l	99
69) o-Xylene	10.68	106	25857	4.650	ug/l	99
70) Styrene	10.69	104	43168	4.559	ug/l	99
71) Bromoform	10.84	173	13485	4.841	ug/l #	98
73) Isopropylbenzene	11.00	105	70703	4.864	ug/l	100
74) N-amyl acetate	10.88	43	27768	4.477	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	23088	5.050	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	21769m	3.983	ug/l	
77) Bromobenzene	11.24	156	19700	4.931	ug/l	99
78) n-propylbenzene	11.34	91	77459	4.712	ug/l	99
79) 2-Chlorotoluene	11.40	91	48176	4.843	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	56128	4.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	8317	4.936	ug/l	96
82) 4-Chlorotoluene	11.49	91	58048	4.881	ug/l	100
83) tert-Butylbenzene	11.76	119	55951	4.727	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	57457	4.697	ug/l	99
85) sec-Butylbenzene	11.93	105	65741	4.725	ug/l	98
86) p-Isopropyltoluene	12.05	119	60544	4.675	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	36137	4.981	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	36801	5.043	ug/l	95
89) n-Butylbenzene	12.37	91	51363	4.441	ug/l	99
90) Hexachloroethane	12.58	117	12827	5.022	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	33306	4.911	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5032	4.613	ug/l	98

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ClientSampleId :
VSTDICC005

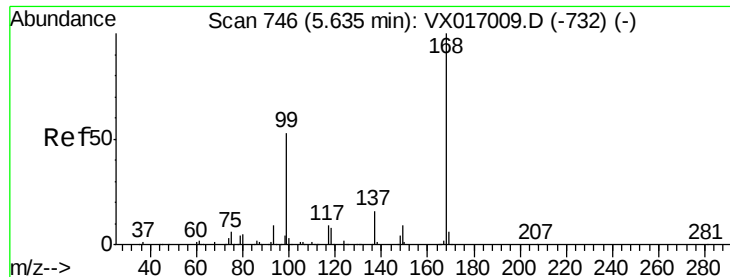
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	21079	4.554	ug/l	99
94) Hexachlorobutadiene	13.77	225	8826	4.714	ug/l	95
95) Naphthalene	13.82	128	61984	4.404	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	20366	4.546	ug/l	96

(#) = 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: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 290713

Ion Ratio Lower Upper

168 100

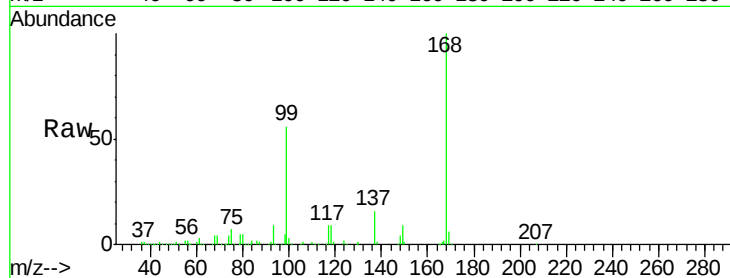
99 56.2 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

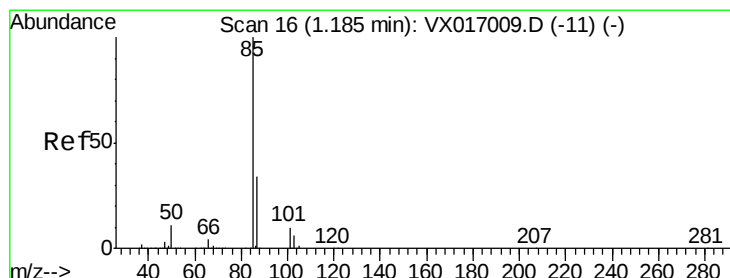
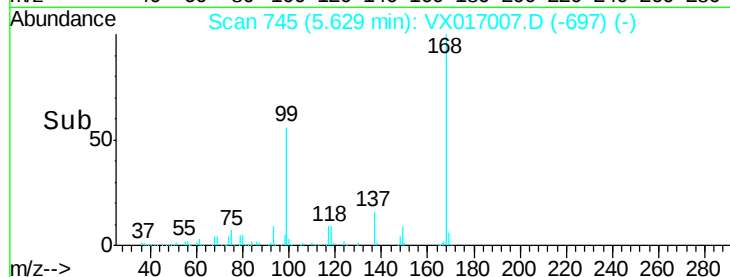
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.536 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017007.D

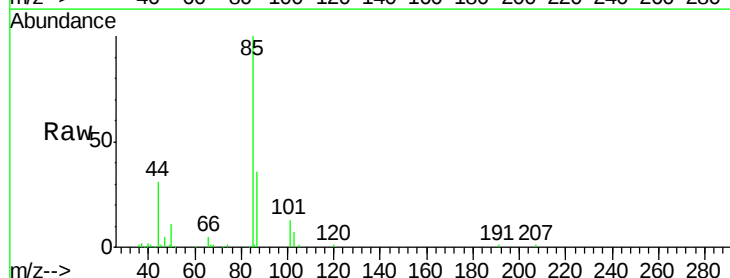
Acq: 29 Jun 2020 14:35

Tgt Ion: 85 Resp: 12757

Ion Ratio Lower Upper

85 100

87 36.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

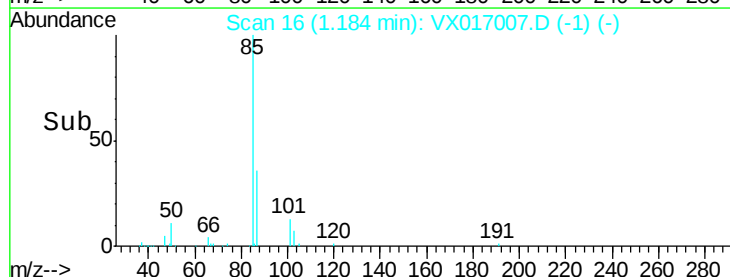
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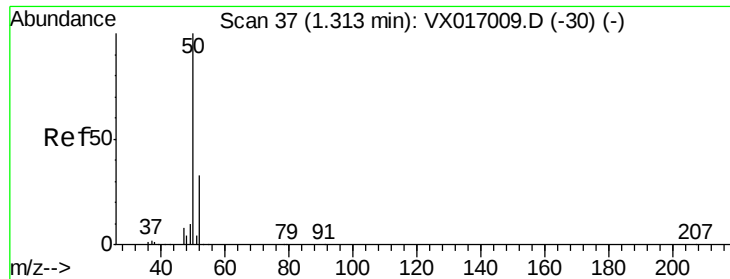
10000

5000

0

Time-->





#3

Chloromethane

Concen: 4.851 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 16515

Ion Ratio Lower Upper

50 100

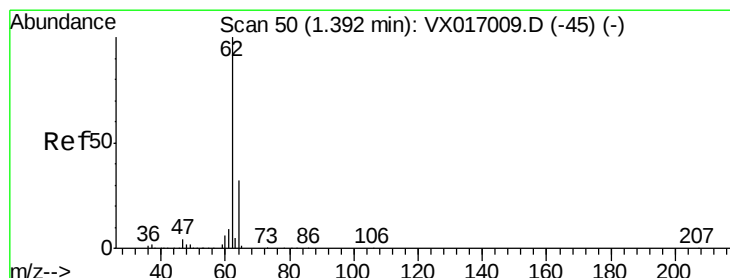
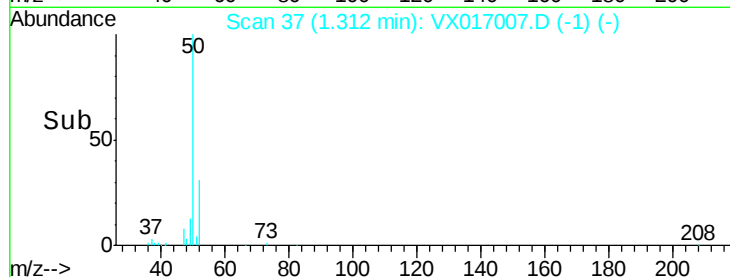
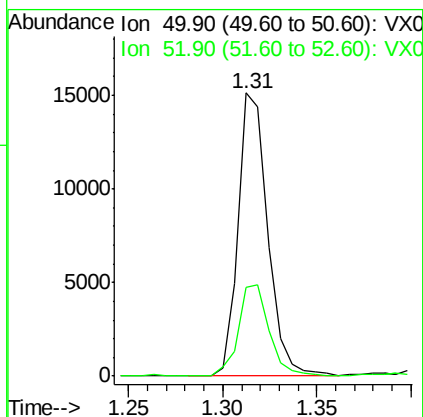
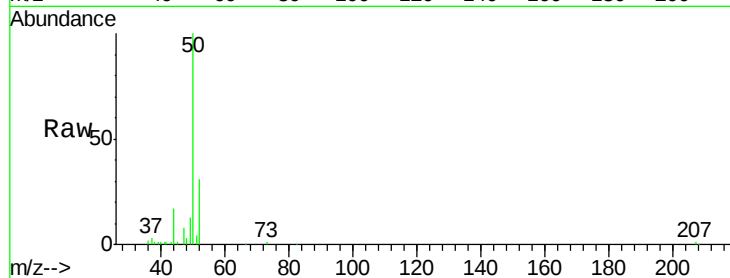
52 31.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 4.769 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017007.D

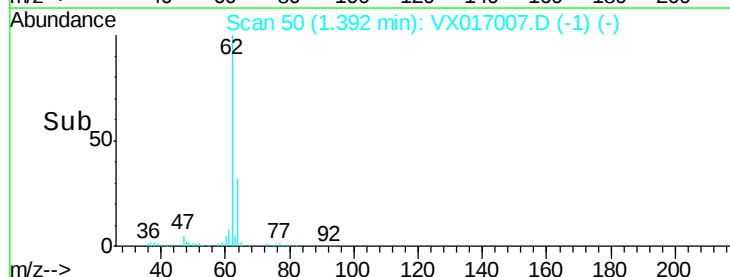
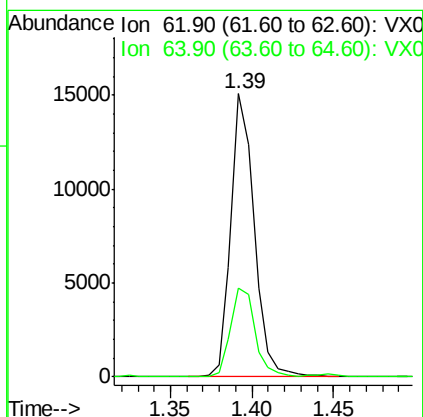
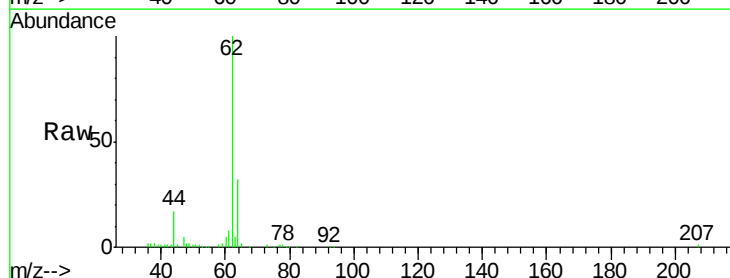
Acq: 29 Jun 2020 14:35

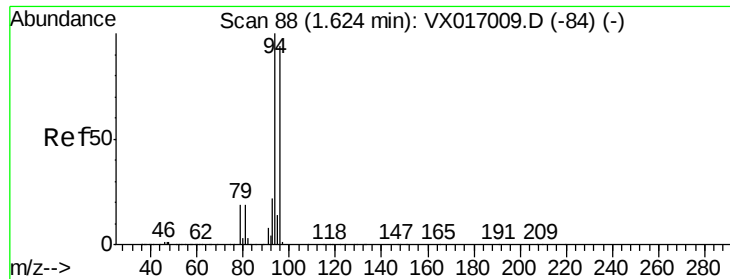
Tgt Ion: 62 Resp: 15063

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 5.471 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 9130

Ion Ratio Lower Upper

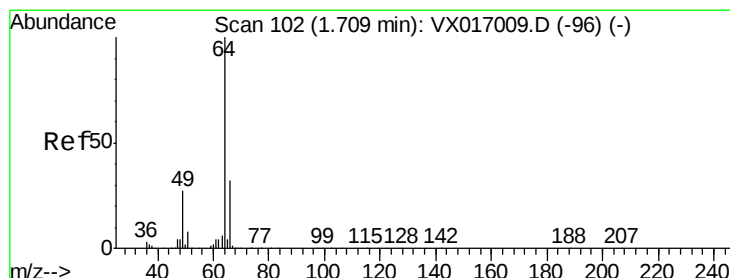
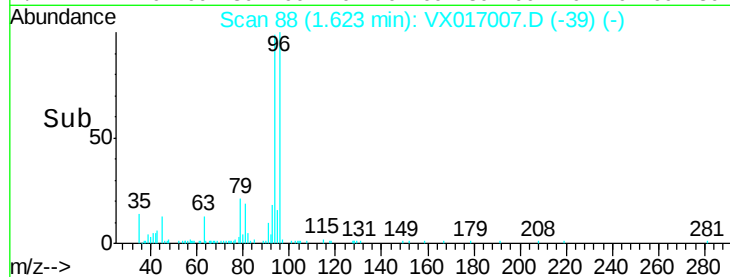
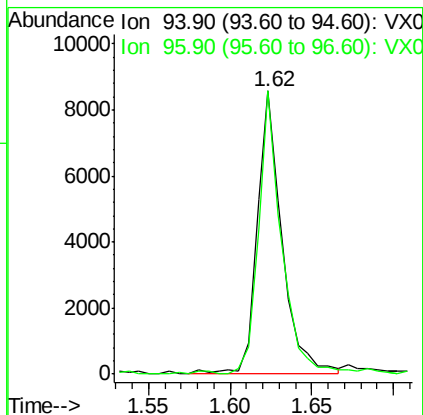
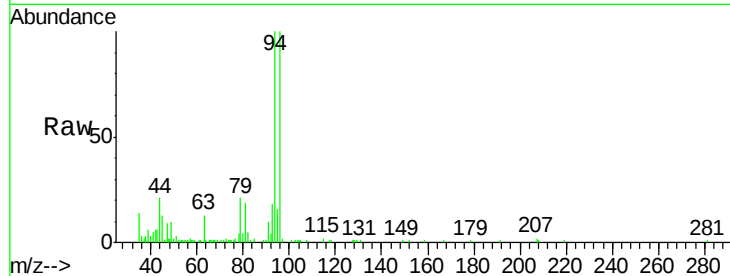
94 100

96 100.0 75.0 112.4

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#6

Chloroethane

Concen: 4.863 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017007.D

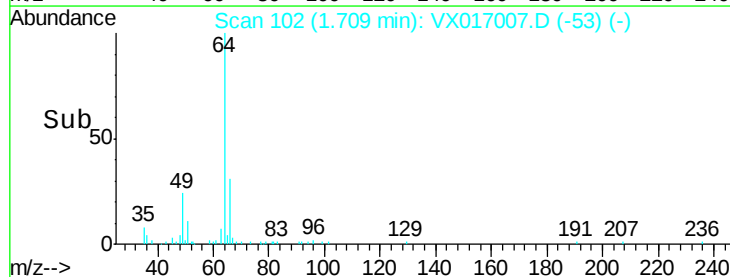
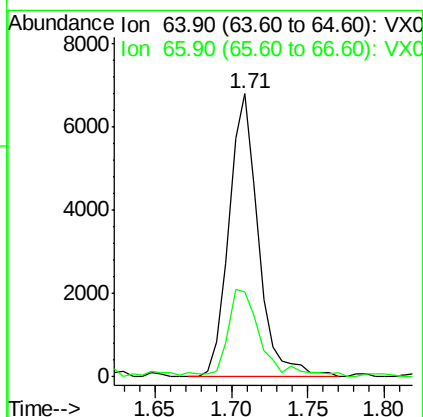
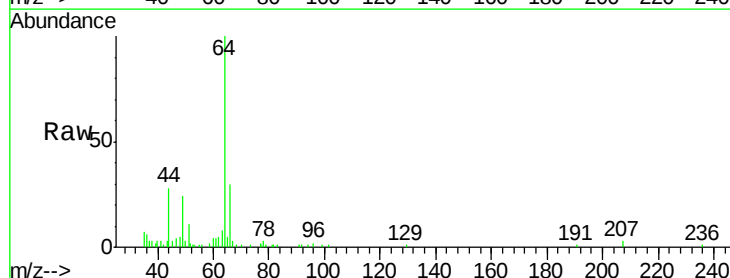
Acq: 29 Jun 2020 14:35

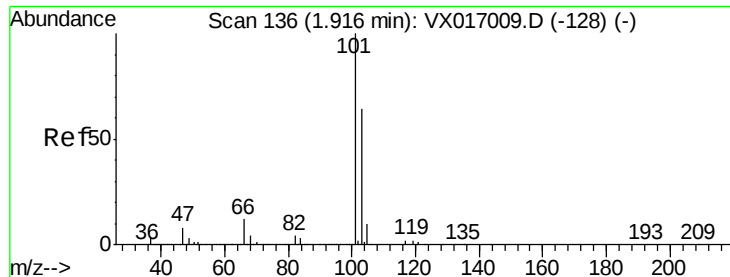
Tgt Ion: 64 Resp: 9071

Ion Ratio Lower Upper

64 100

66 28.6 25.5 38.3





#7

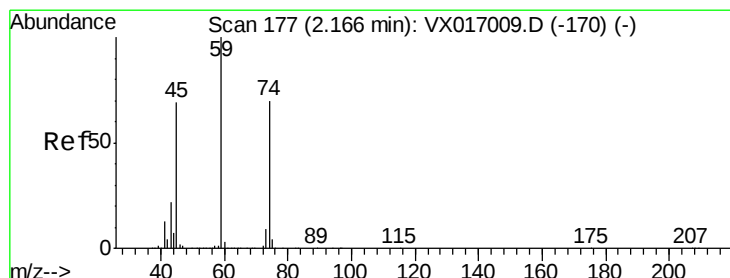
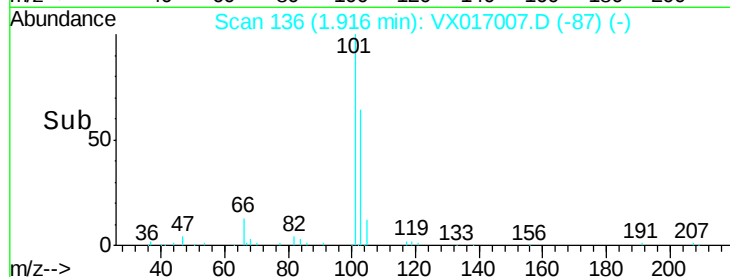
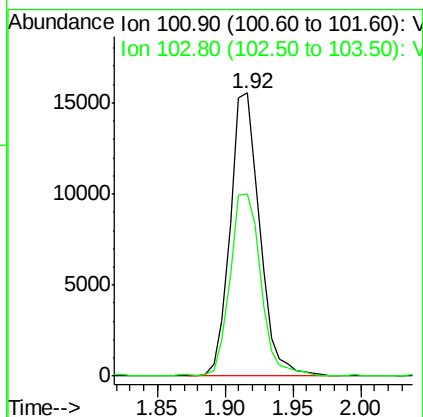
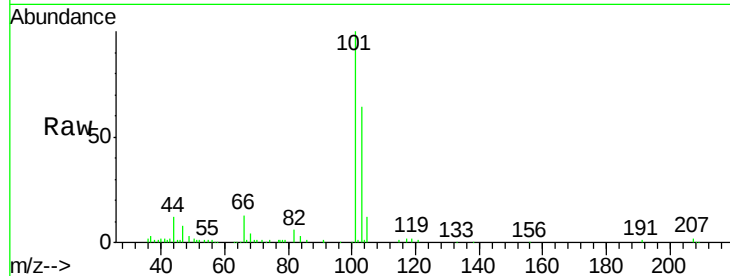
Trichlorofluoromethane
Concen: 5.022 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

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ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.5	77.3

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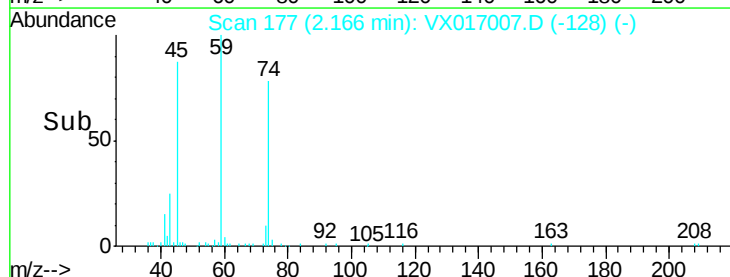
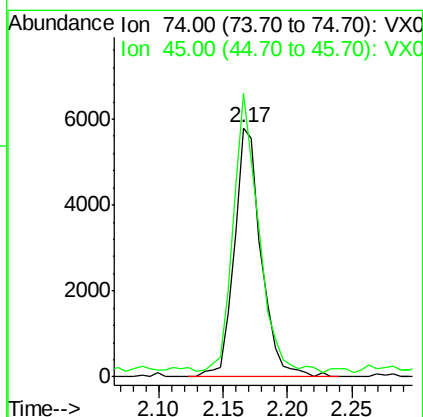
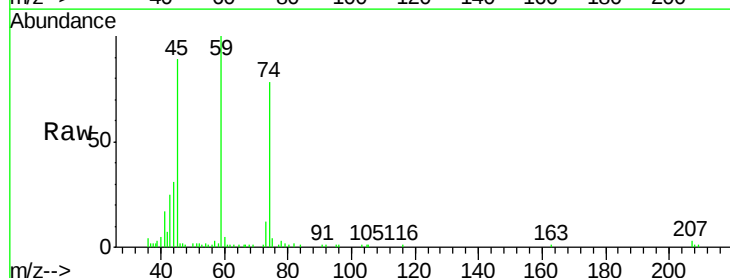
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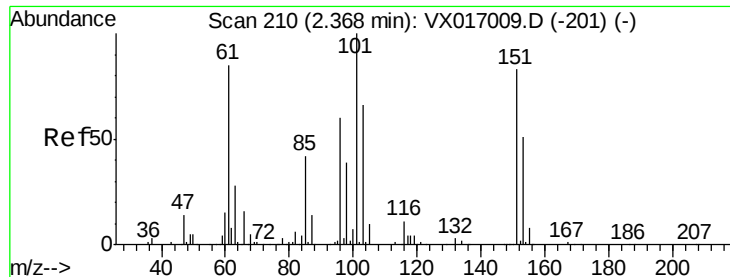


#8

Diethyl Ether
Concen: 4.926 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.120 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

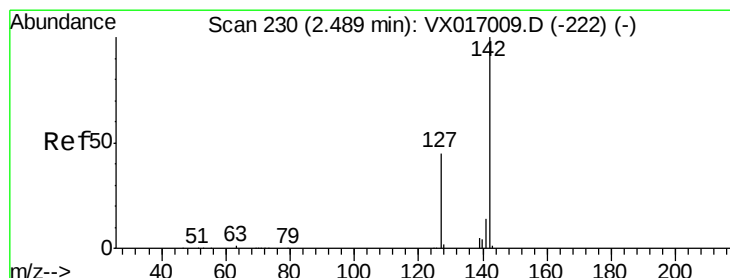
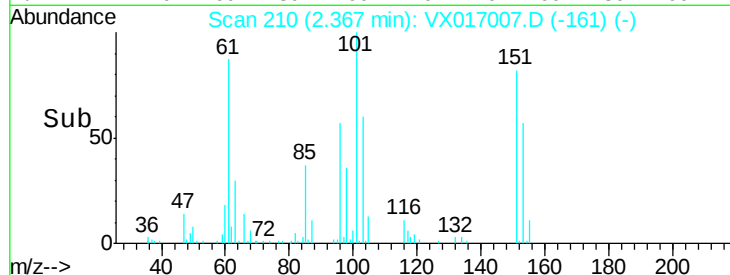
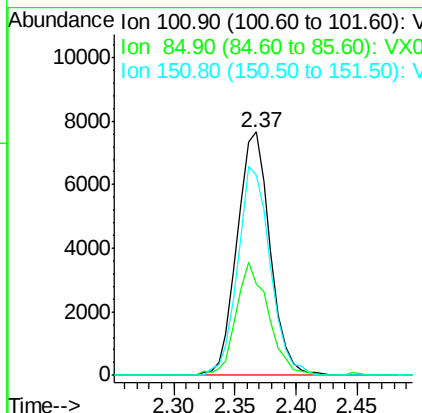
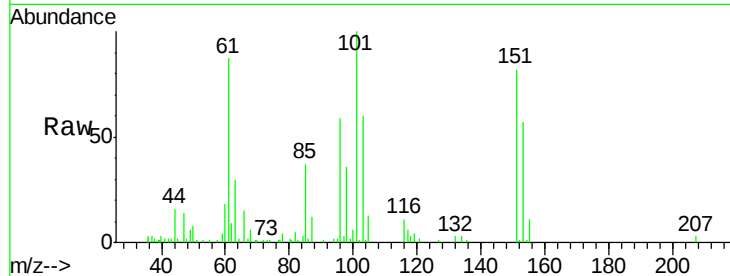
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	14334
Ion Ratio	Lower	Upper	
101	100		
85	45.3	33.5	50.3
151	84.3	63.8	95.6

Manual Integrations
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6/30/2020 10:12:44 AM



#10

Methyl Iodide

Concen: 4.364 ug/l

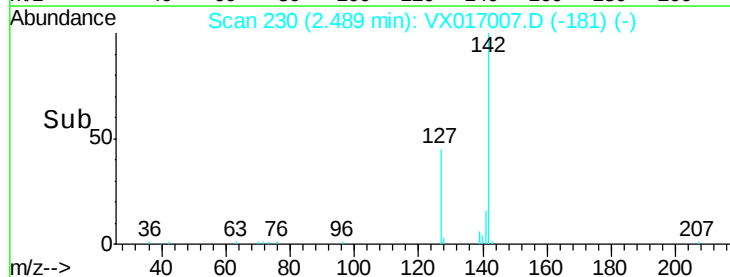
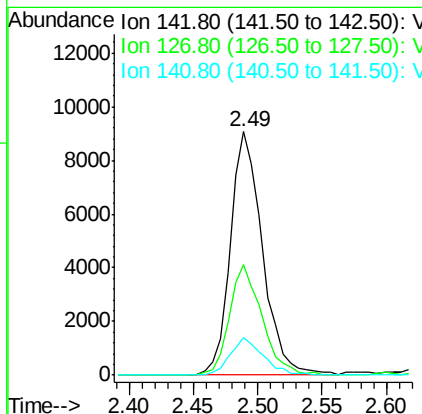
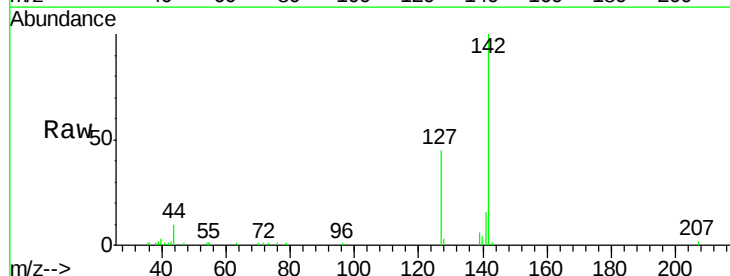
RT: 2.49 min Scan# 230

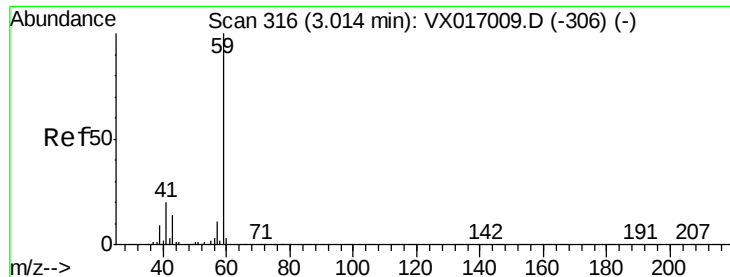
Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	142	Resp:	15765
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.6	54.8
141	15.8	11.6	17.4





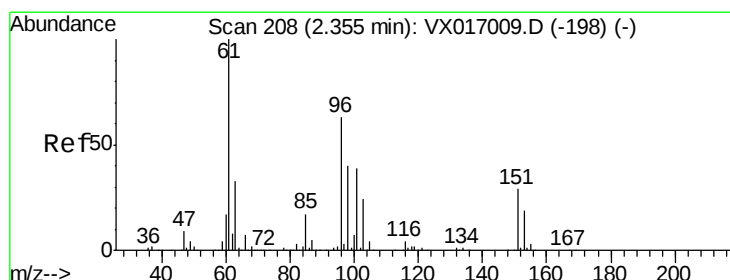
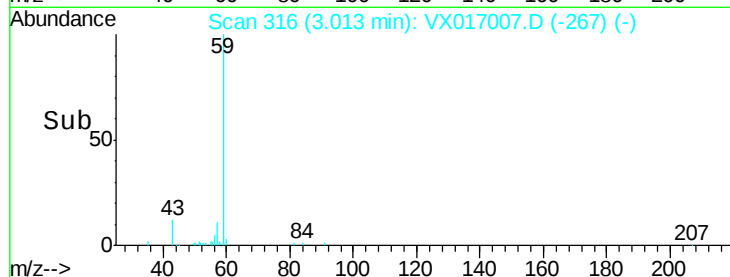
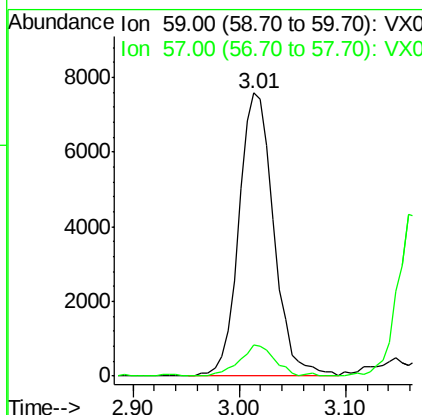
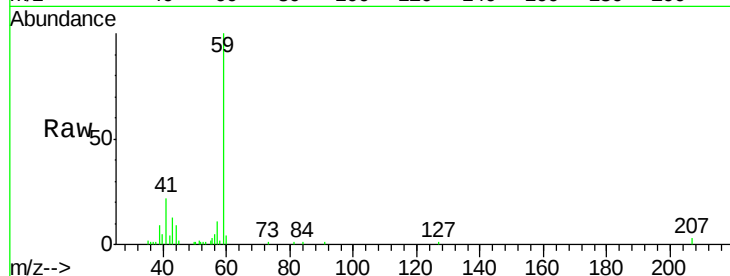
#11
Tert butyl alcohol
Concen: 25.515 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 17445
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

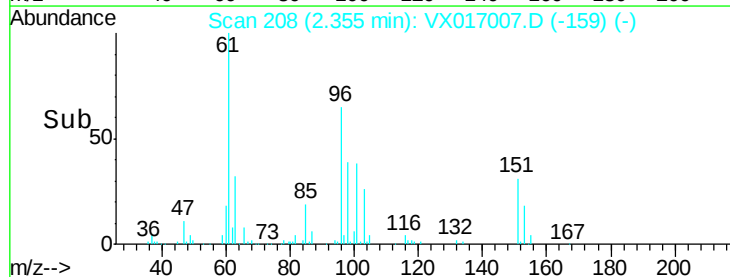
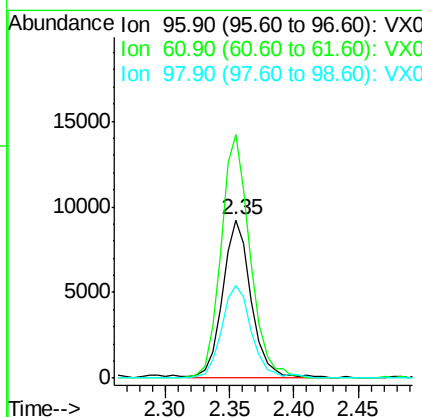
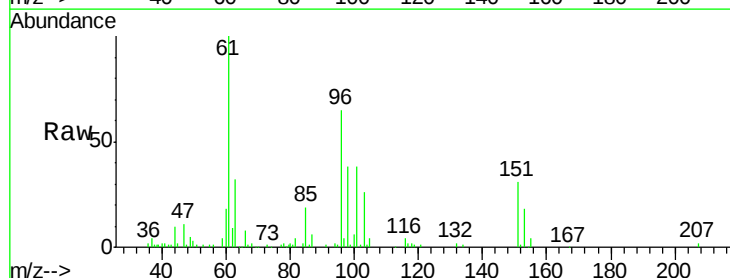
Manual Integrations
APPROVED

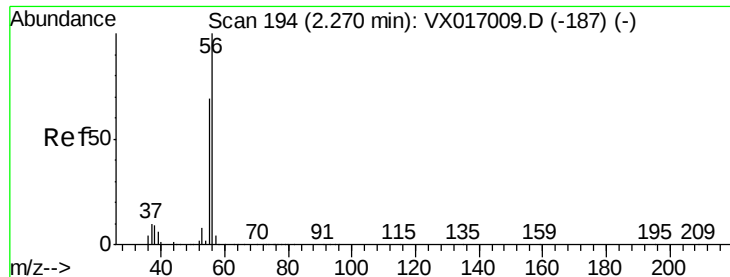
MMDadoda
6/30/2020 10:12:44 AM



#12
1,1-Dichloroethene
Concen: 5.026 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion: 96 Resp: 14455
Ion Ratio Lower Upper
96 100
61 153.0 126.3 189.5
98 58.7 51.0 76.6





#13

Acrolein

Concen: 26.200 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 10708

Ion Ratio Lower Upper

56 100

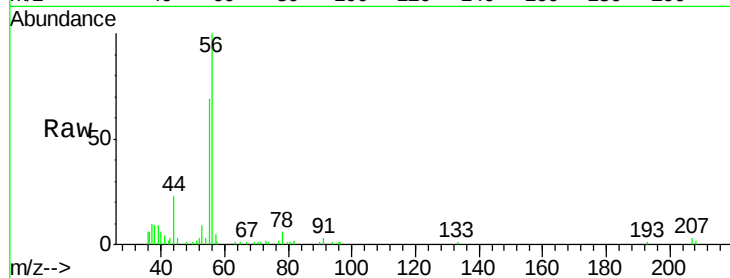
55 74.0 55.7 83.5

Manual Integrations

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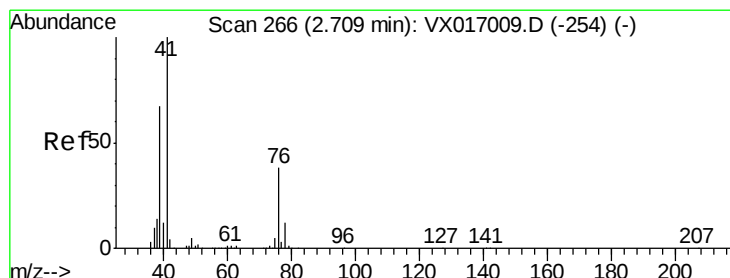
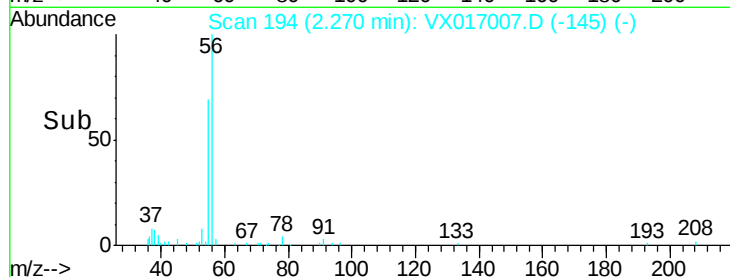
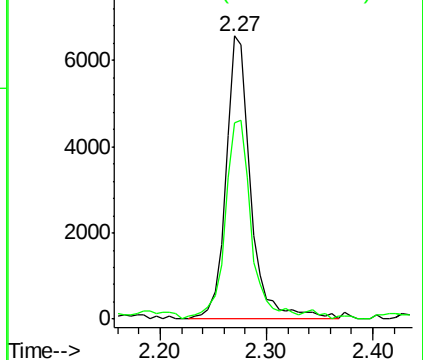
MMDadoda

6/30/2020 10:12:44 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.904 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

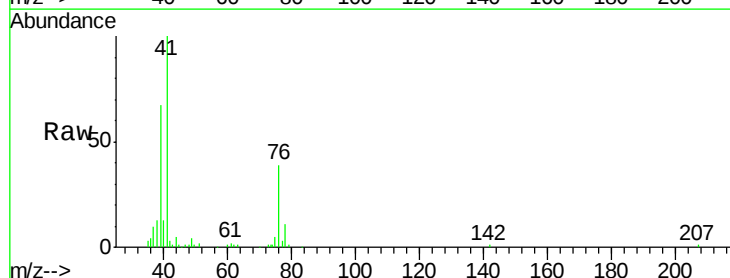
Tgt Ion: 41 Resp: 26065

Ion Ratio Lower Upper

41 100

39 61.3 49.4 74.2

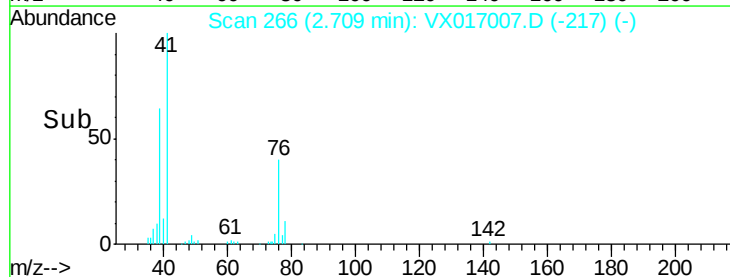
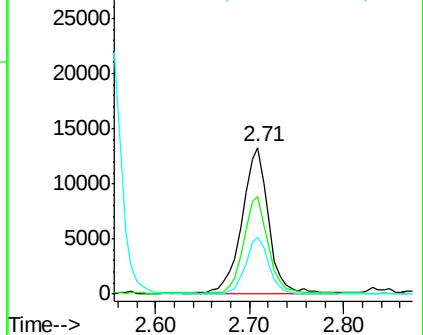
76 34.2 26.8 40.2

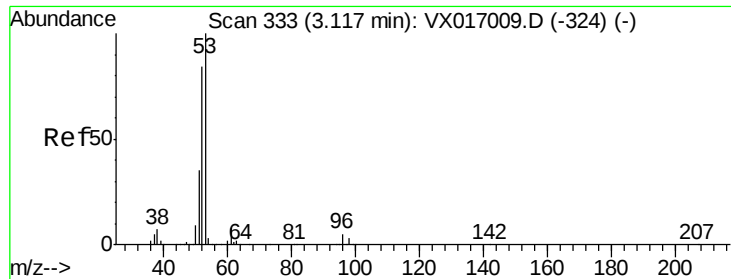


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





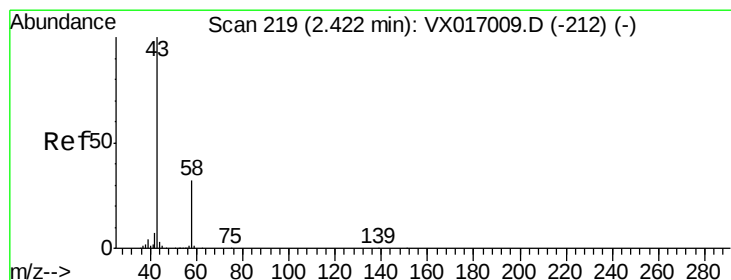
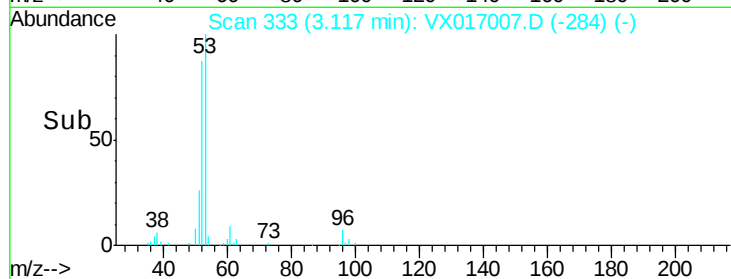
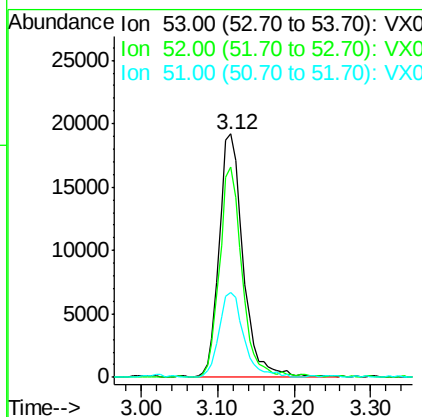
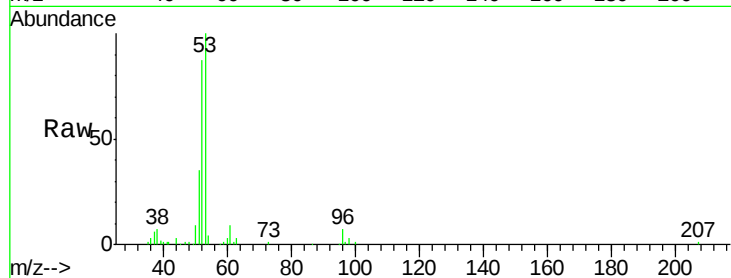
#15
 Acrylonitrile
 Concen: 25.456 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	53	Resp:	41839
Ion Ratio	Lower	Upper	
53	100		
52	81.1	65.6	98.4
51	36.2	28.3	42.5

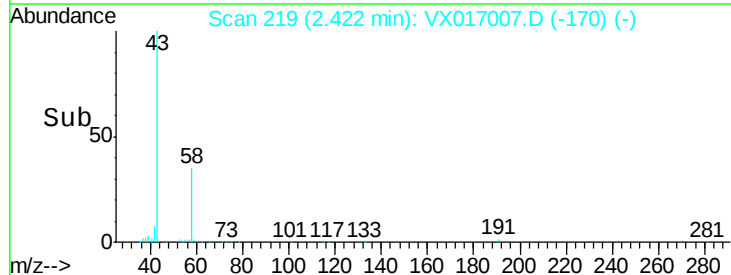
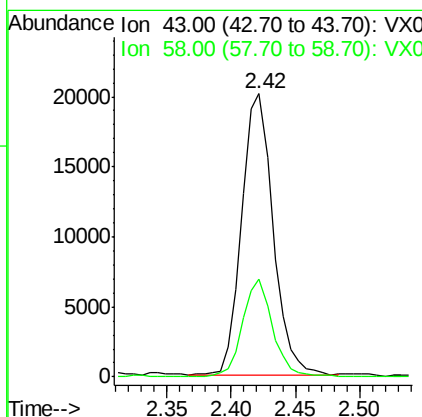
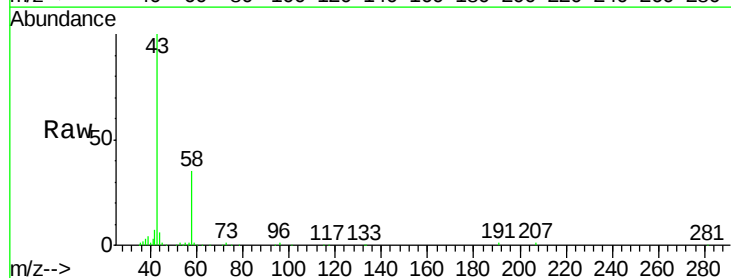
Manual Integrations
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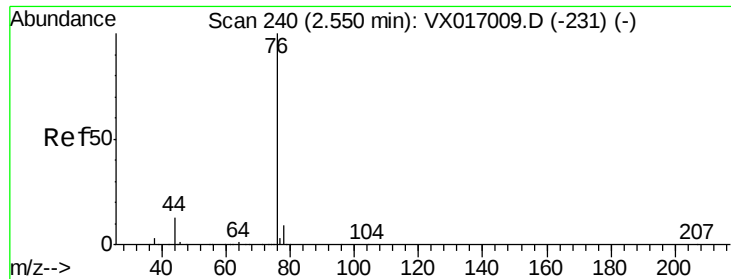
MMDadoda
 6/30/2020 10:12:44 AM



#16
 Acetone
 Concen: 25.101 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Tgt Ion:	43	Resp:	33653
Ion Ratio	Lower	Upper	
43	100		
58	34.9	25.7	38.5





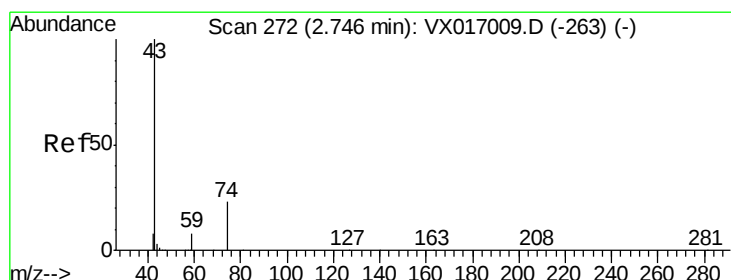
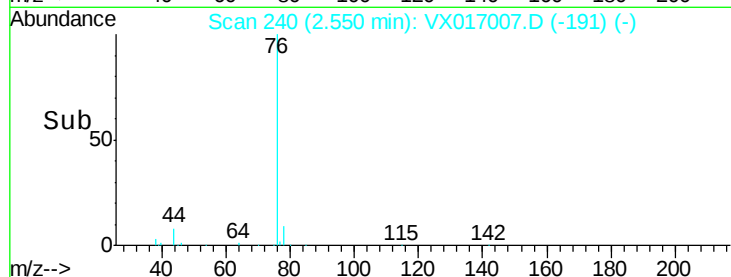
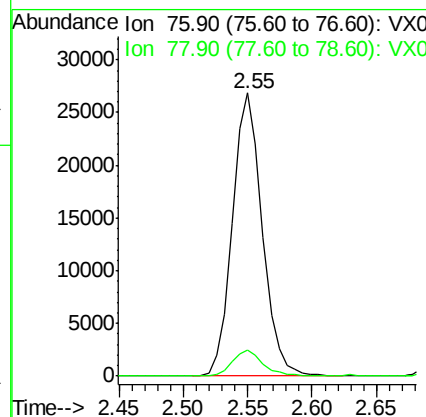
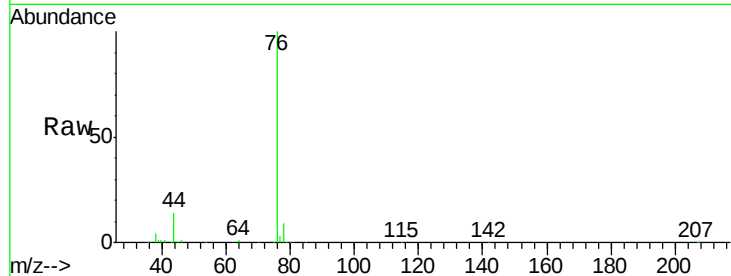
#17
Carbon Disulfide
Concen: 4.946 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

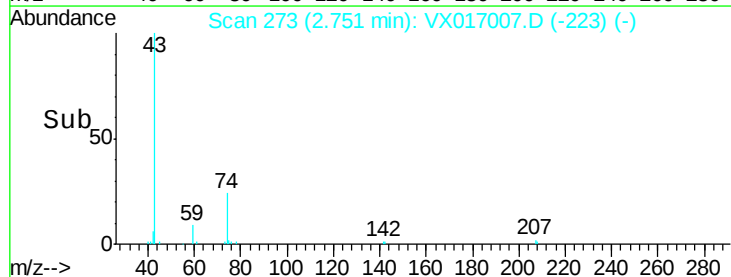
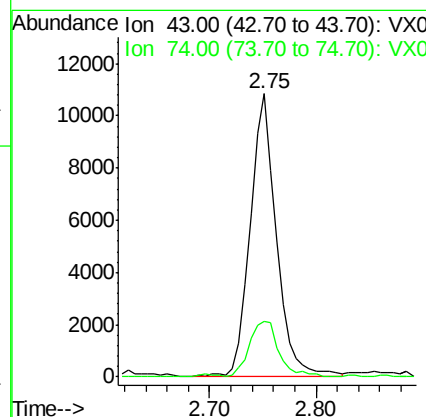
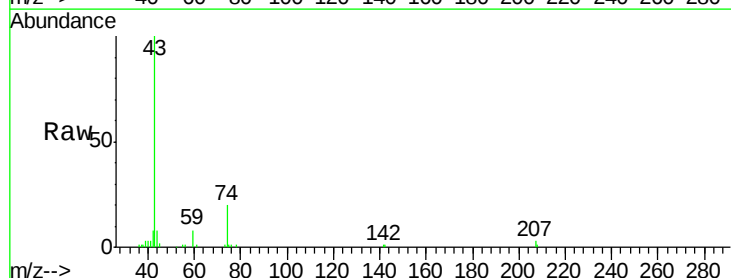
Manual Integrations
APPROVED

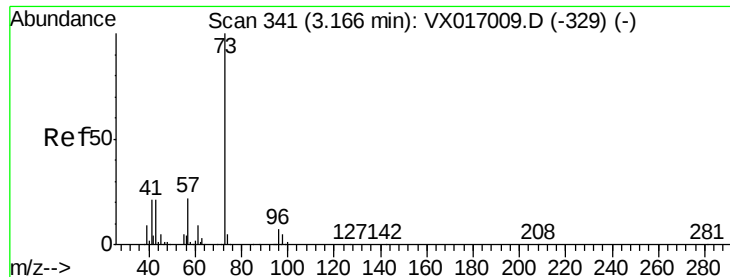
MMDadoda
6/30/2020 10:12:44 AM



#18
Methyl Acetate
Concen: 5.400 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	19.3	28.9





#19

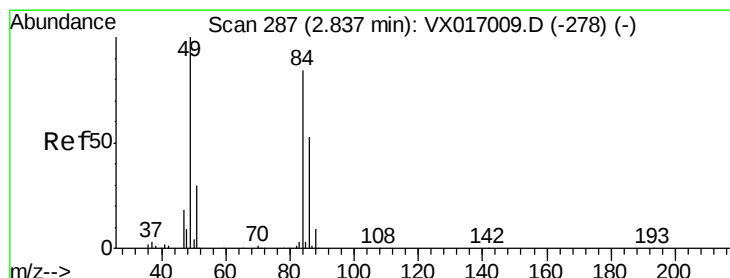
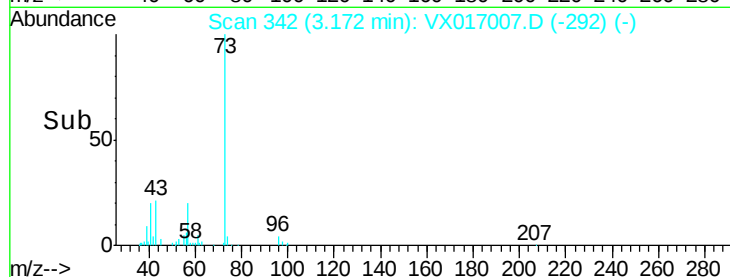
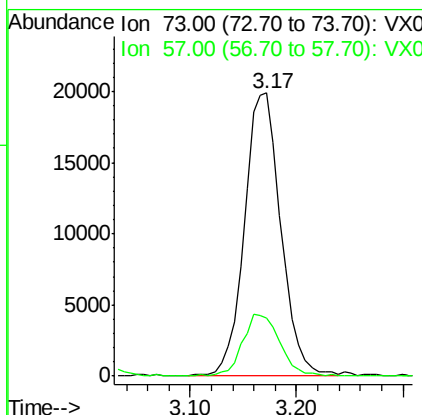
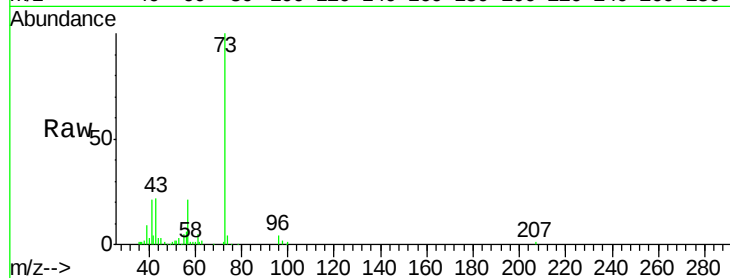
Methyl tert-butyl Ether
 Concen: 4.954 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.6	26.4

Manual Integrations
 APPROVED

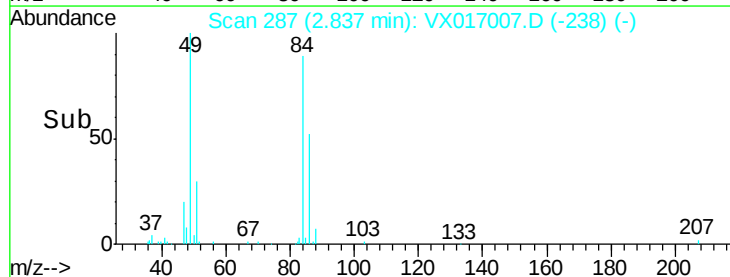
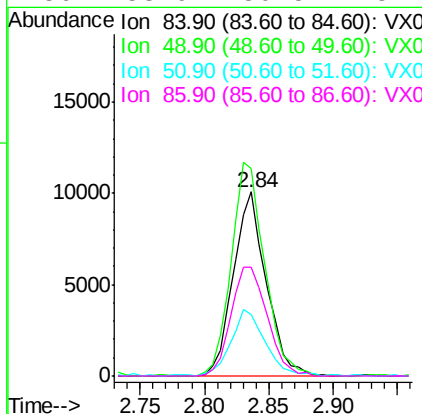
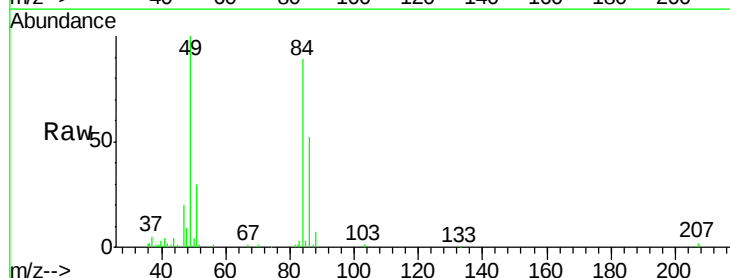
MMDadoda
 6/30/2020 10:12:44 AM

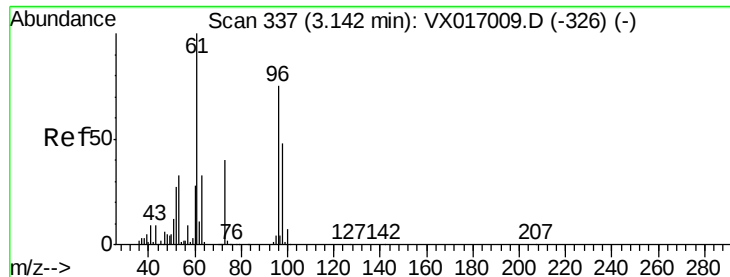


#20

Methylene Chloride
 Concen: 5.204 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.0	94.7	142.1
51	32.9	28.6	42.8
86	58.9	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 5.059 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

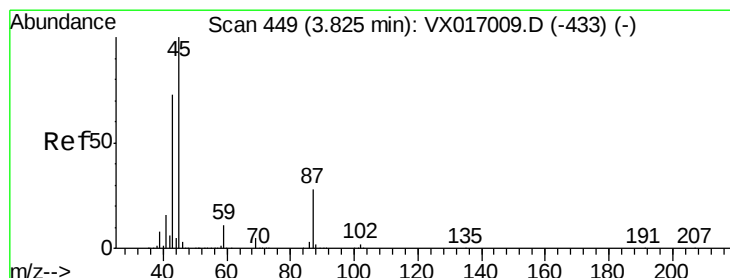
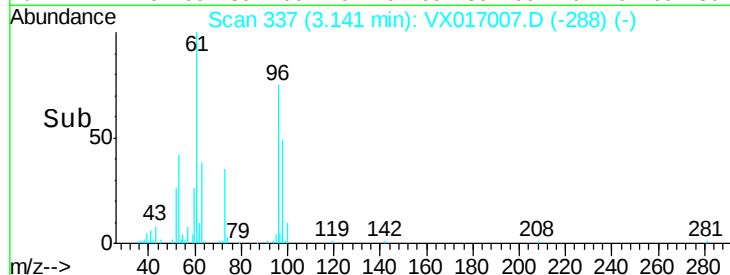
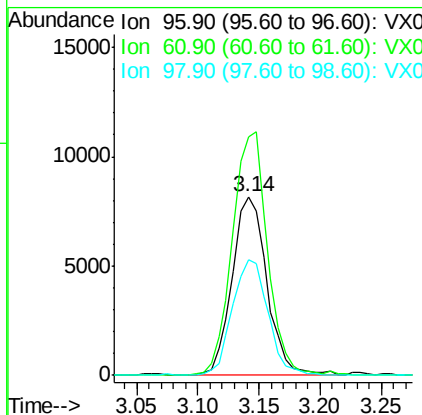
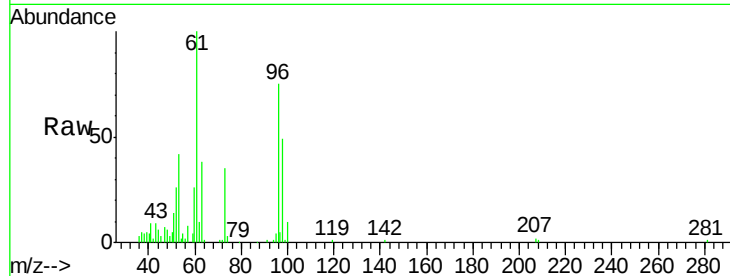
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	16148
Ion	Ratio	Lower	Upper
96	100		
61	133.6	107.0	160.6
98	65.1	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 4.998 ug/l

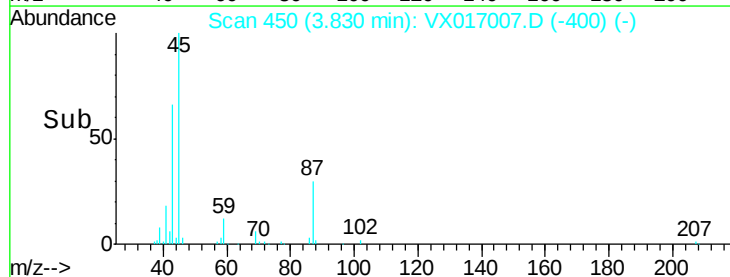
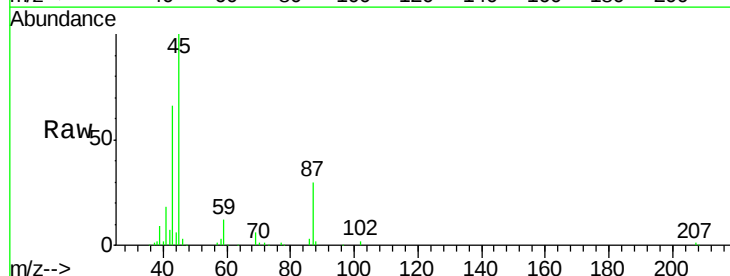
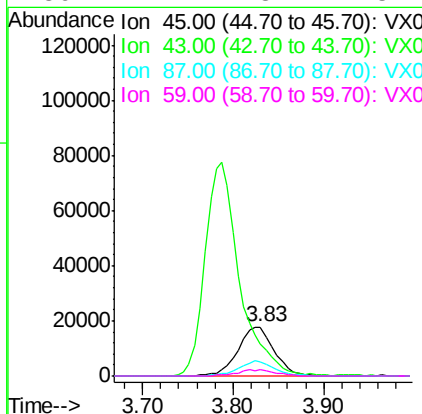
RT: 3.83 min Scan# 450

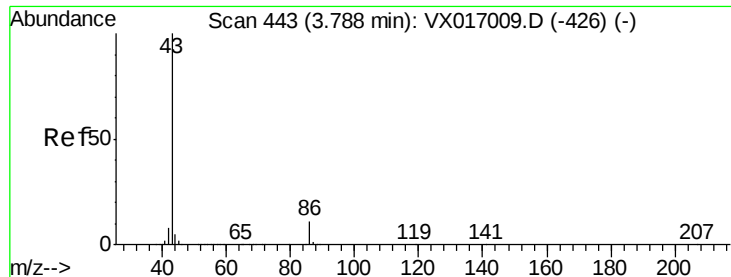
Delta R.T. 0.01 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	45	Resp:	49167
Ion	Ratio	Lower	Upper
45	100		
43	65.0	58.6	88.0
87	29.7	22.6	34.0
59	12.1	8.7	13.1





#23

Vinyl Acetate

Concen: 24.350 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 205850

Ion Ratio Lower Upper

43 100

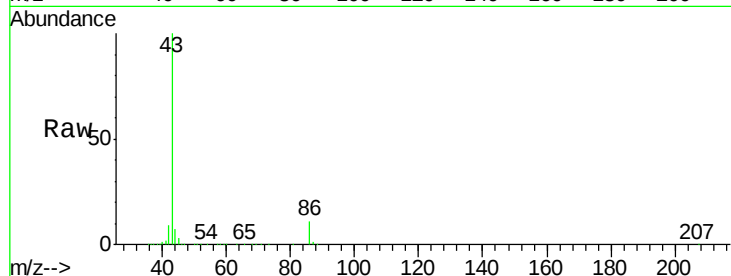
86 10.7 8.6 13.0

Manual Integrations

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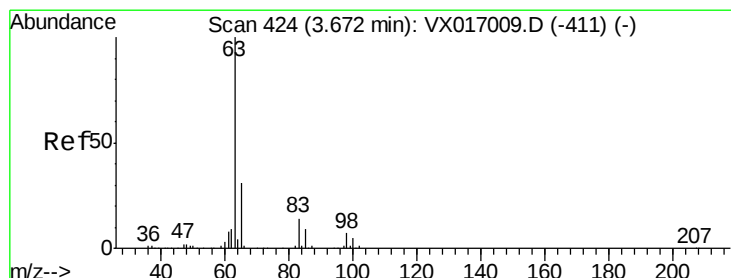
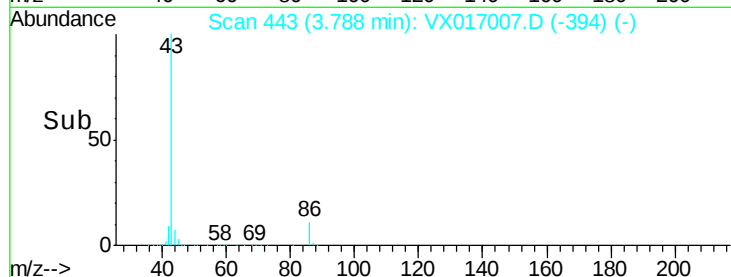
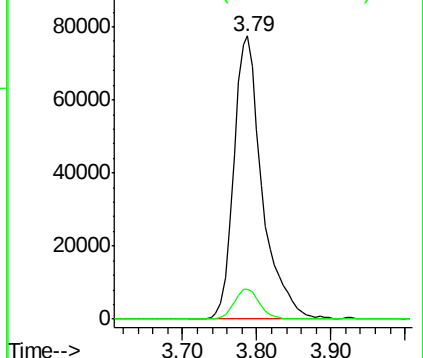
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.103 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

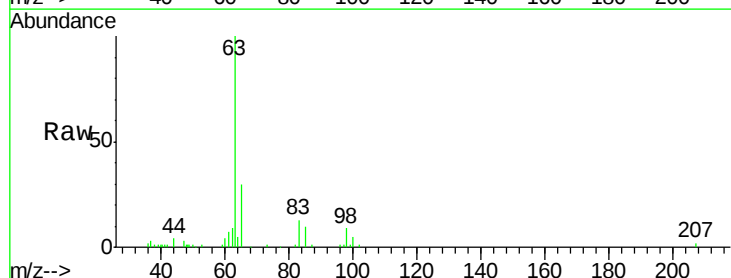
Tgt Ion: 63 Resp: 28565

Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.8

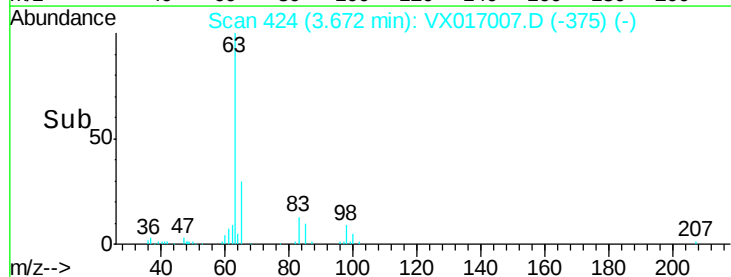
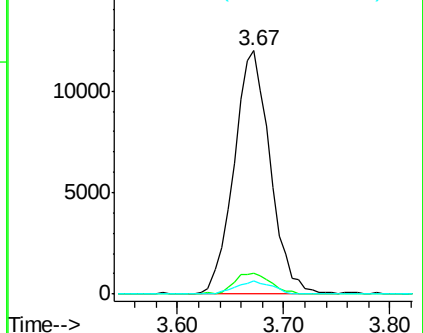
100 5.2 2.4 7.1

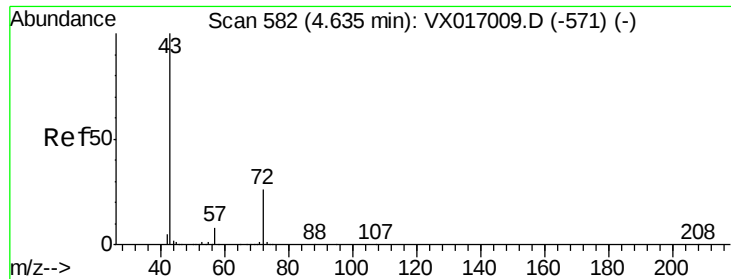


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 24.794 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 55389

Ion Ratio Lower Upper

43 100

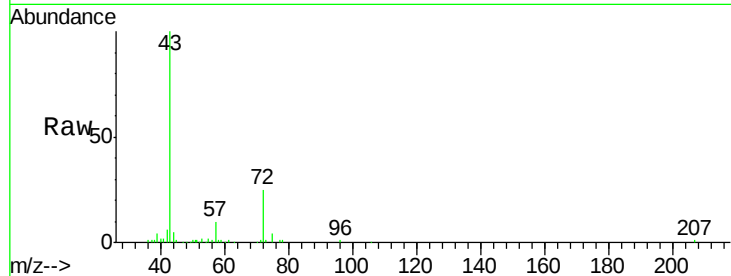
72 25.1 20.8 31.2

Manual Integrations

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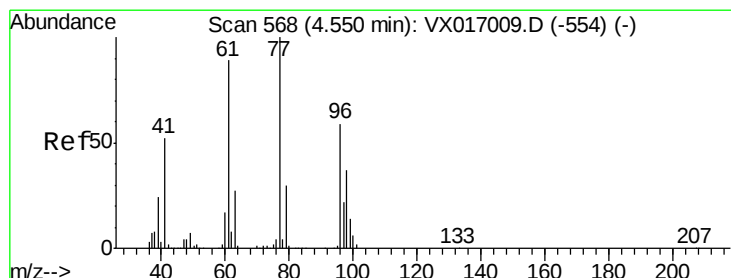
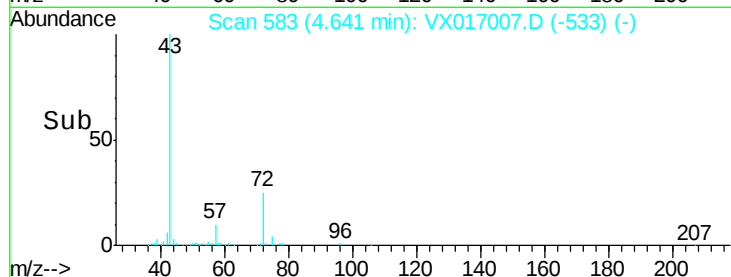
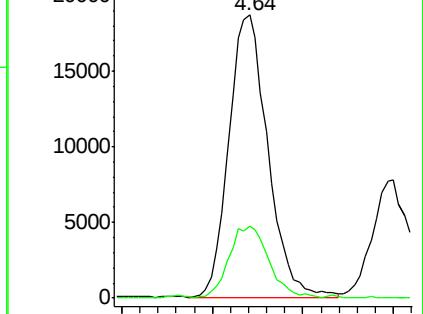
MMDadoda

6/30/2020 10:12:44 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.118 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017007.D

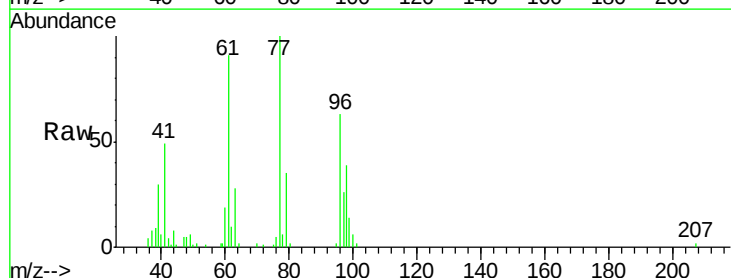
Acq: 29 Jun 2020 14:35

Tgt Ion: 77 Resp: 25438

Ion Ratio Lower Upper

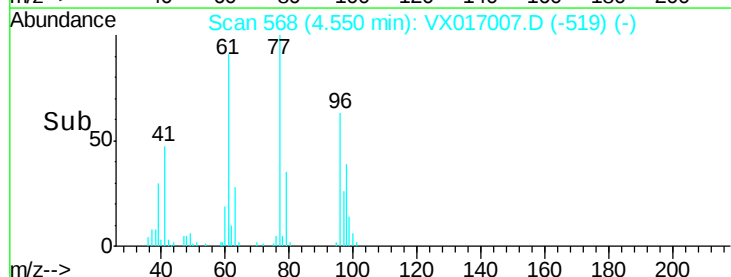
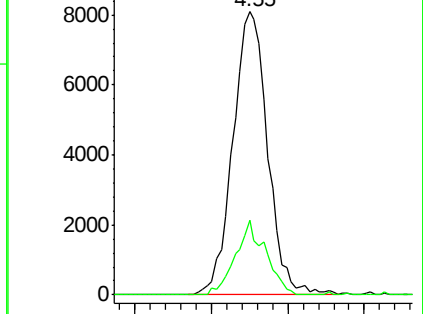
77 100

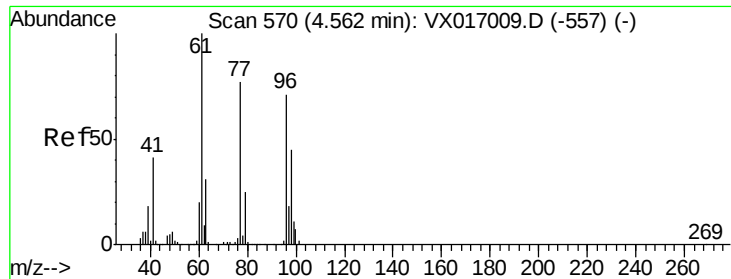
97 23.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

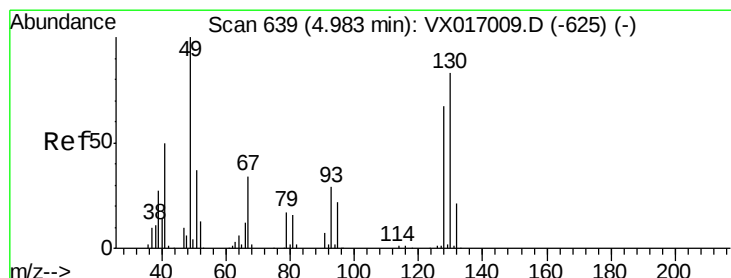
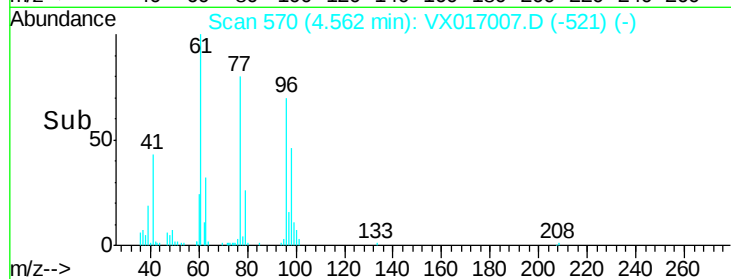
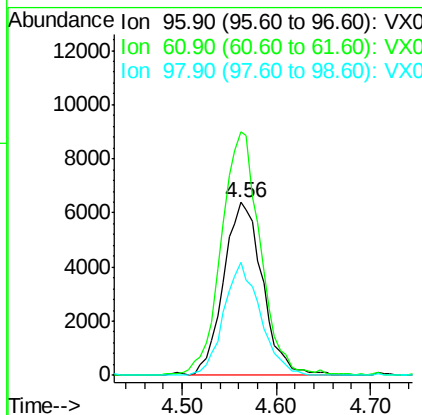
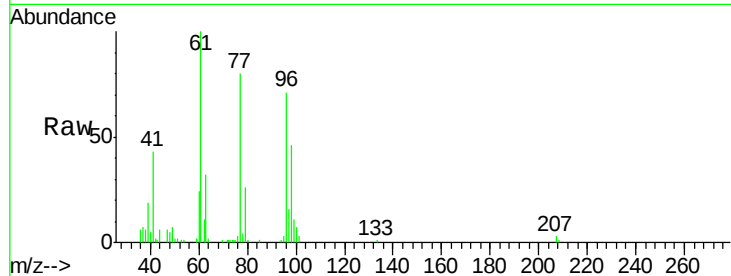
cis-1,2-Dichloroethene
Concen: 5.081 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	282.8
98	61.0	0.0	127.6

Manual Integrations
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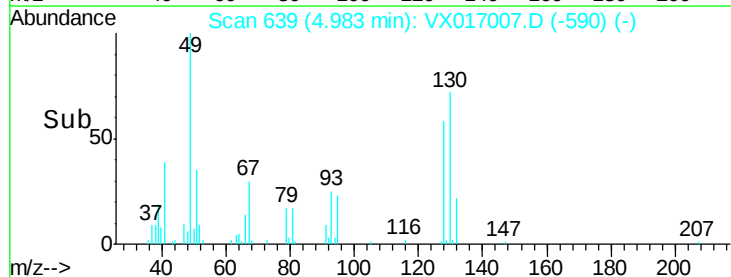
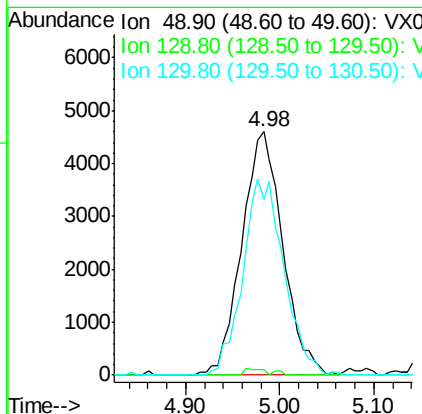
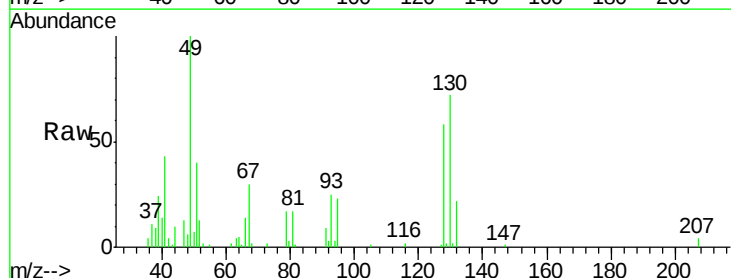
MMDadoda
6/30/2020 10:12:44 AM

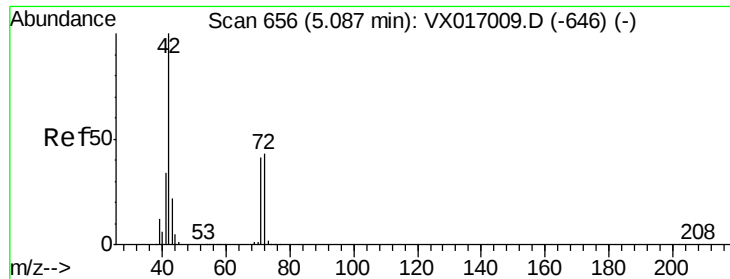


#28

Bromochloromethane
Concen: 5.129 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.2
130	80.9	66.6	100.0





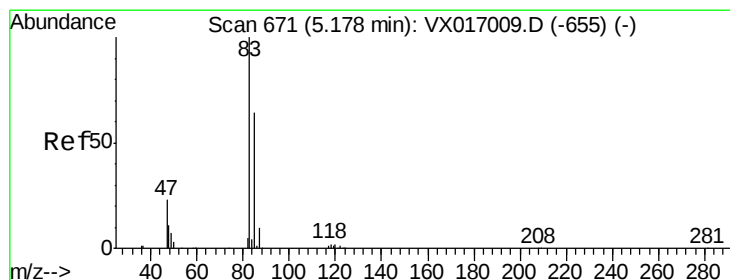
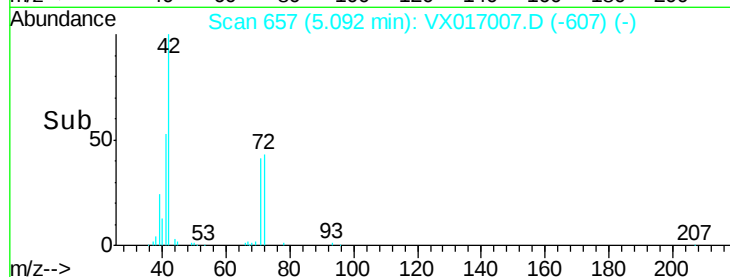
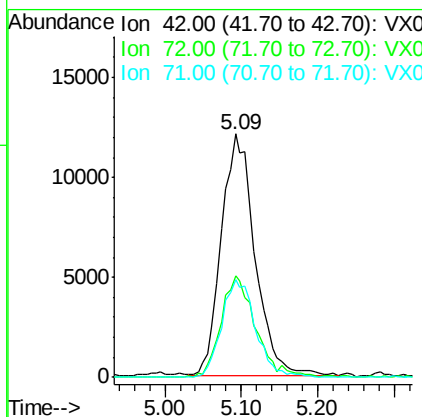
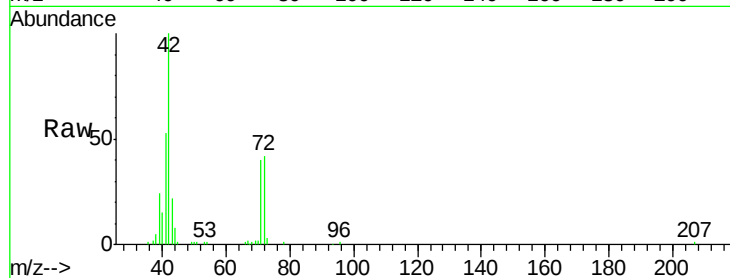
#29
Tetrahydrofuran
Concen: 24.943 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.3	52.9
71	40.5	33.1	49.7

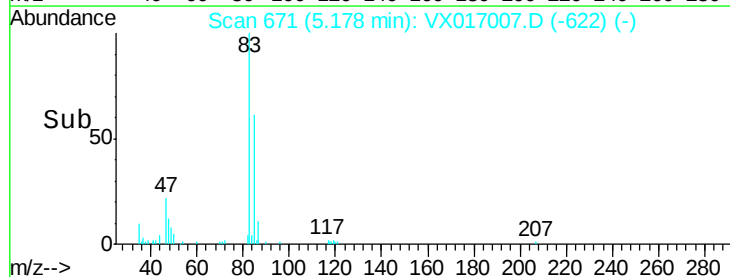
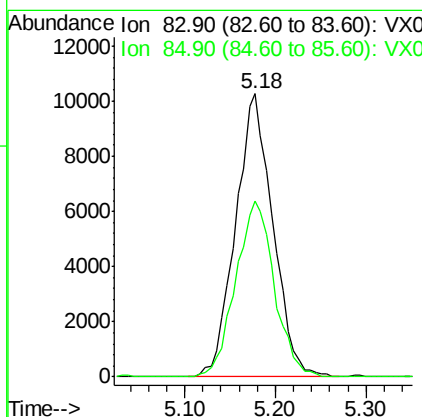
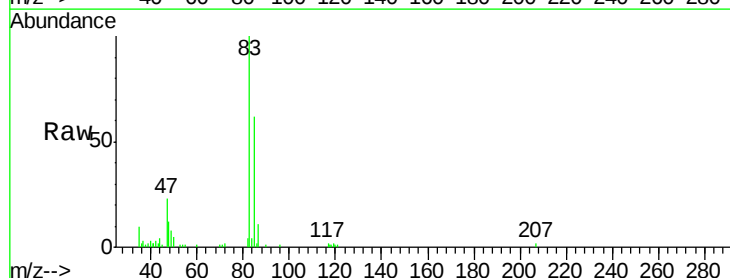
Manual Integrations
APPROVED

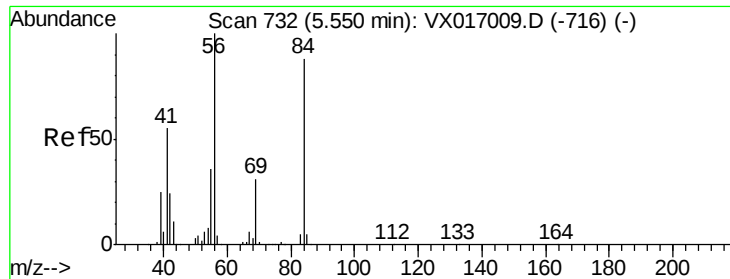
MMDadoda
6/30/2020 10:12:44 AM



#30
Chloroform
Concen: 5.098 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.4	77.2





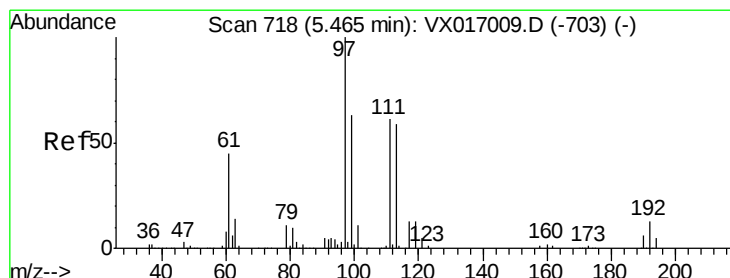
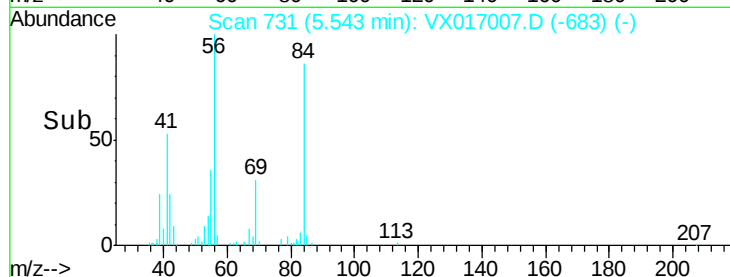
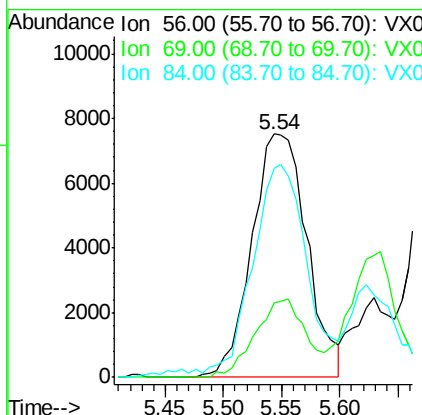
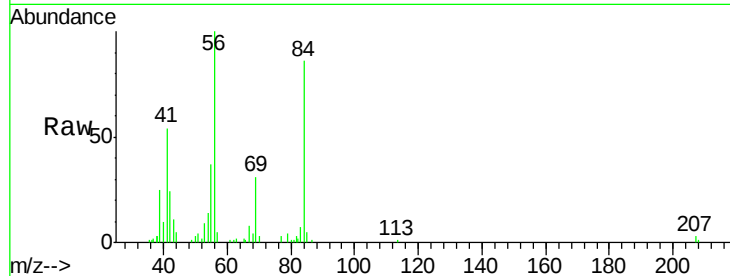
#31
Cvclohexane
Concen: 5.079 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.0	37.4
84	84.3	69.1	103.7

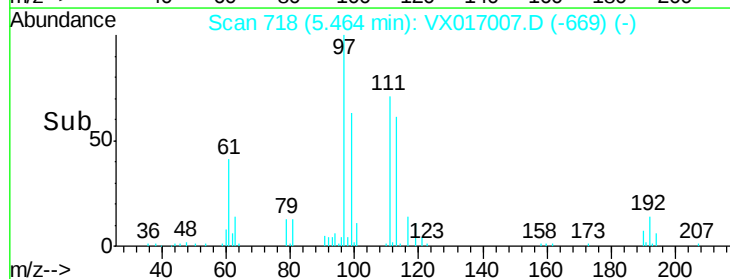
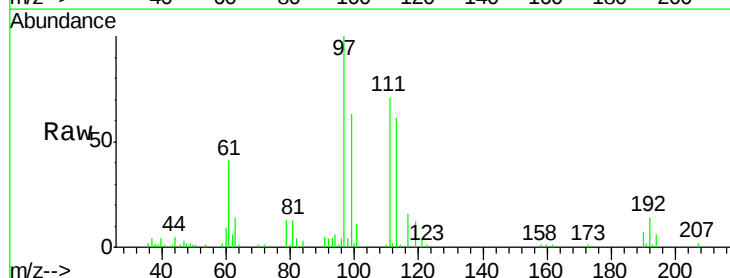
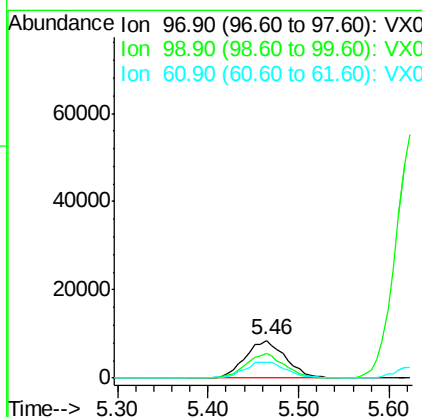
Manual Integrations
APPROVED

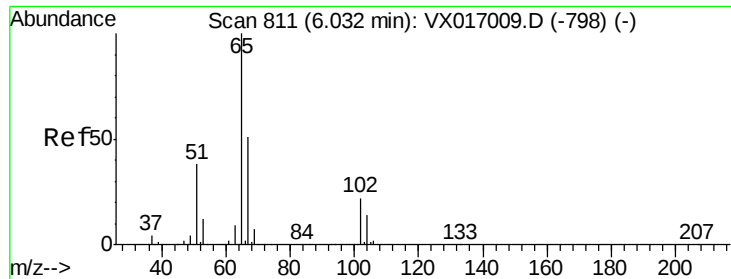
MMDadoda
6/30/2020 10:12:44 AM



#32
1,1,1-Trichloroethane
Concen: 4.931 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.8	76.2
61	44.6	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 5.687 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 20382

Ion Ratio Lower Upper

65 100

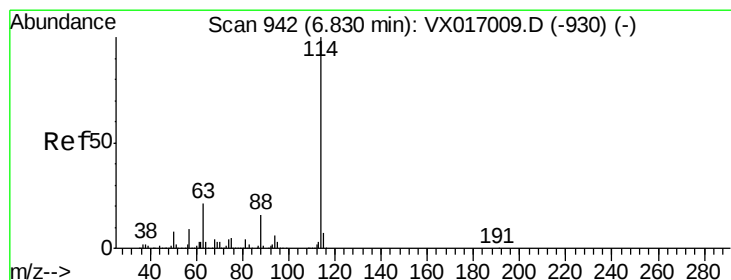
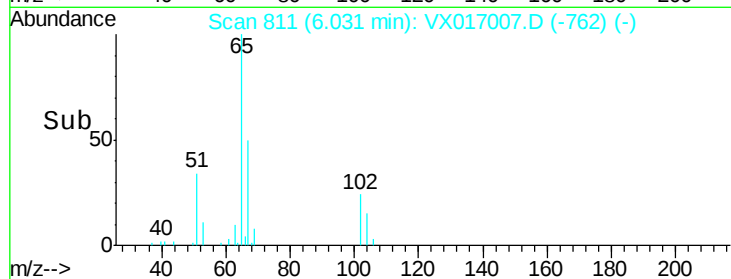
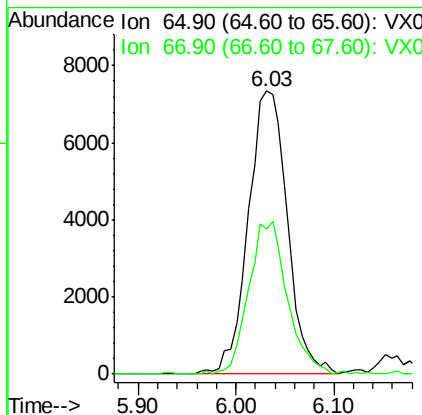
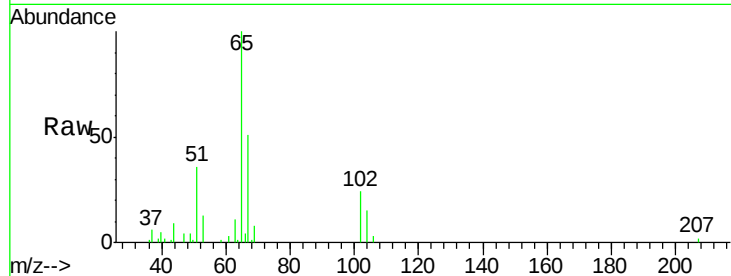
67 53.3 0.0 103.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

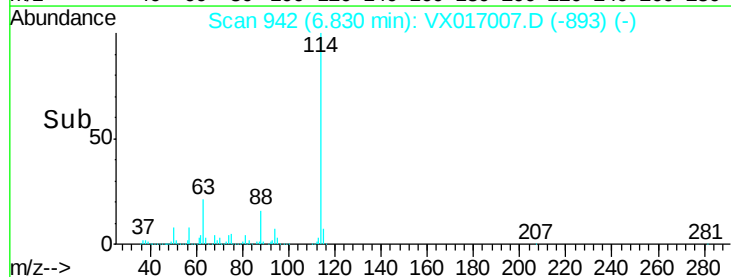
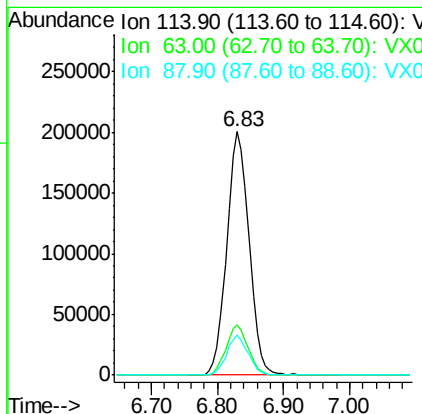
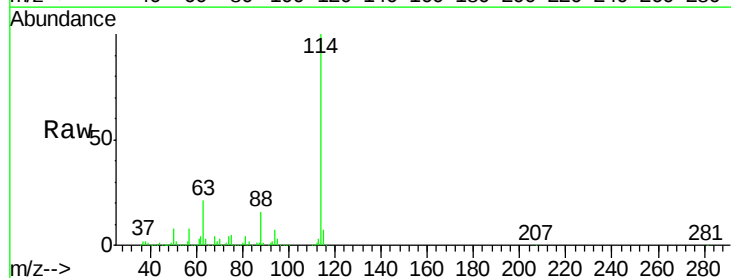
Tgt Ion: 114 Resp: 467593

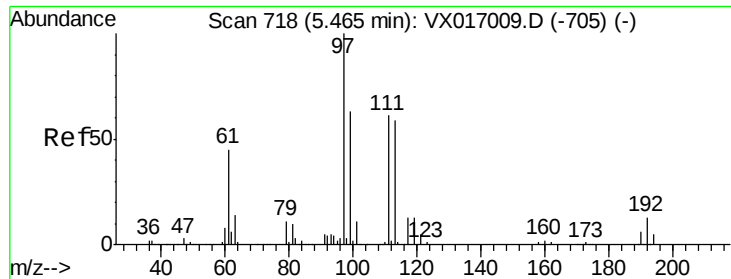
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 16.4 0.0 32.4





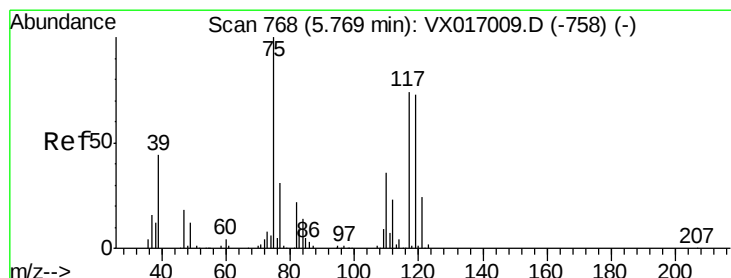
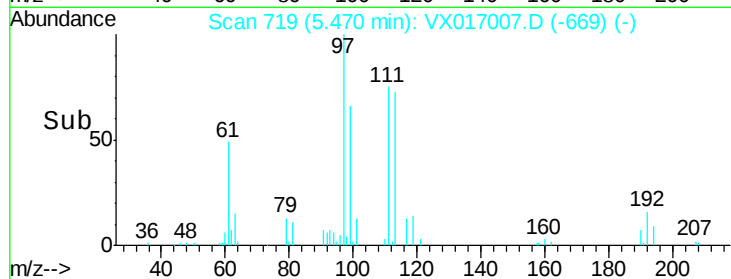
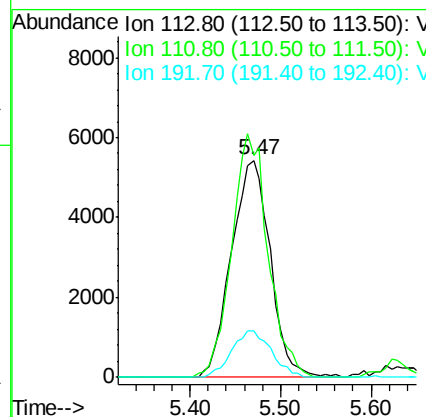
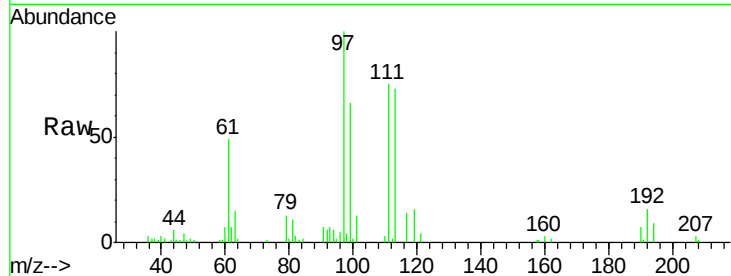
#35
 Dibromofluoromethane
 Concen: 5.465 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	16164		
111	105.2	81.9	122.9	
192	21.7	16.7	25.1	

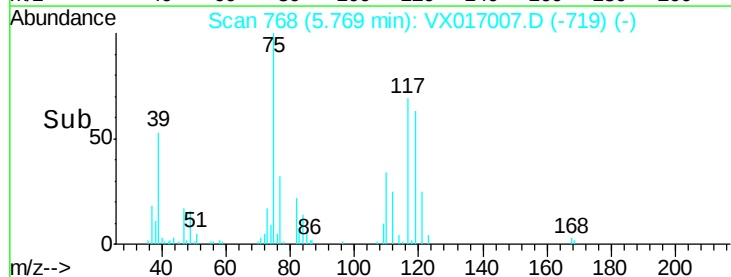
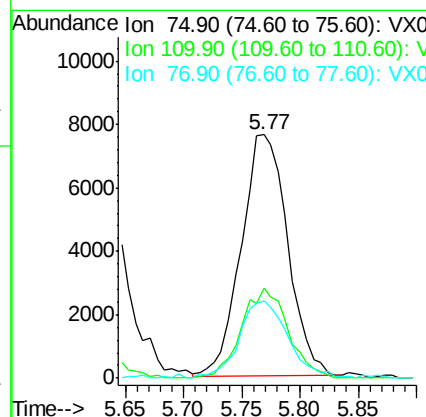
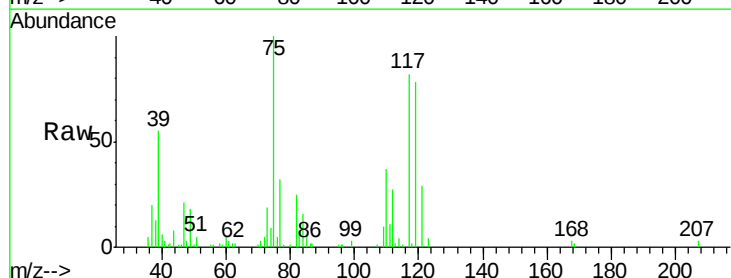
Manual Integrations
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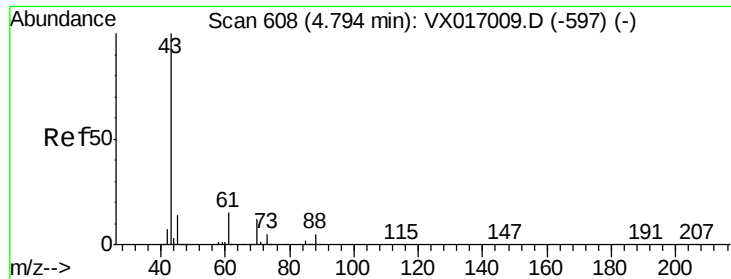
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#36
 1,1-Dichloropropene
 Concen: 4.776 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21105		
110	37.3	18.1	54.1	
77	33.6	24.6	37.0	





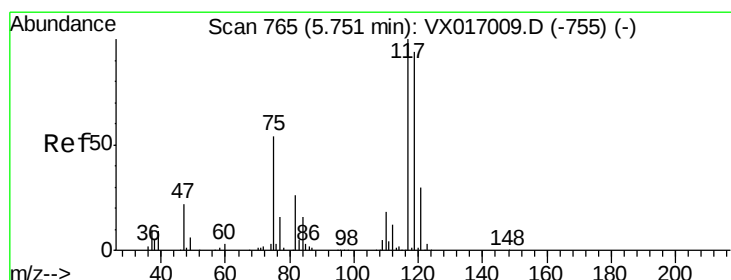
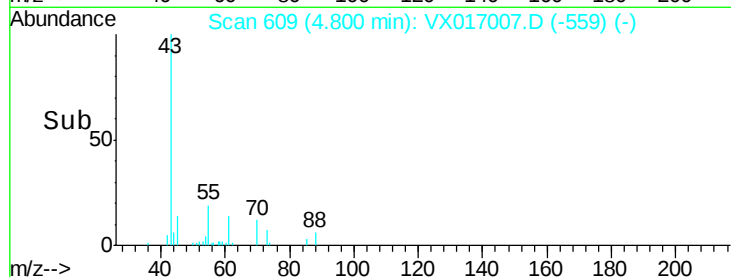
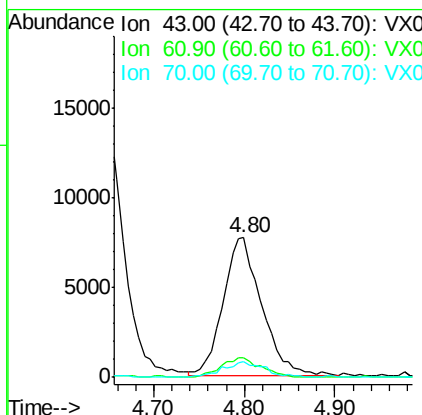
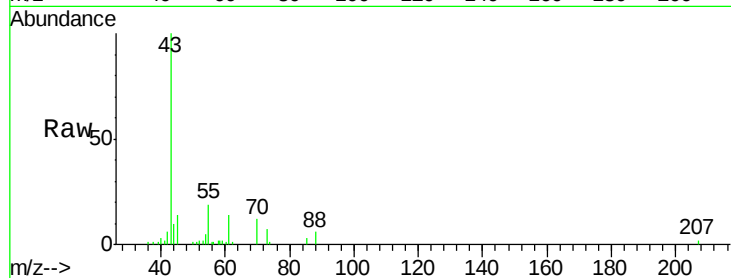
#37
Ethyl Acetate
Concen: 5.031 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.0	16.4
70	12.5	8.9	13.3

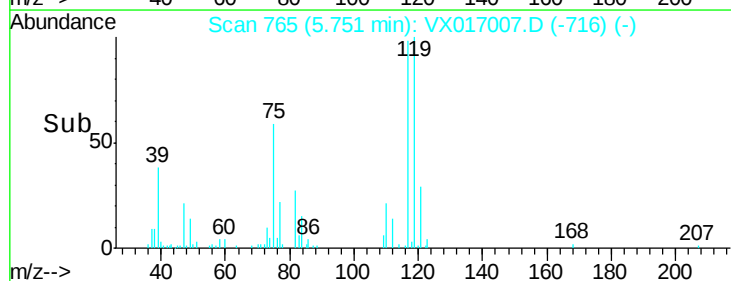
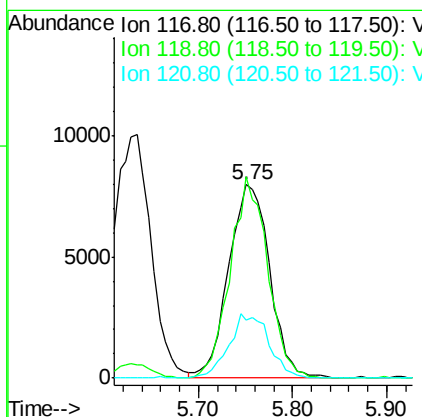
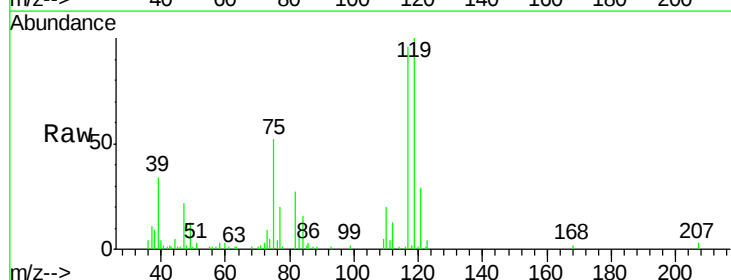
Manual Integrations
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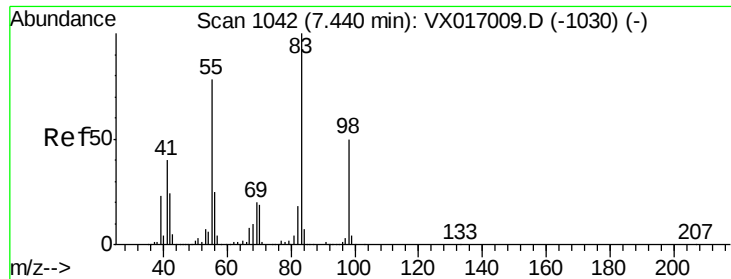
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6/30/2020 10:12:44 AM



#38
Carbon Tetrachloride
Concen: 4.999 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.2	75.4	113.0
121	30.0	23.8	35.6





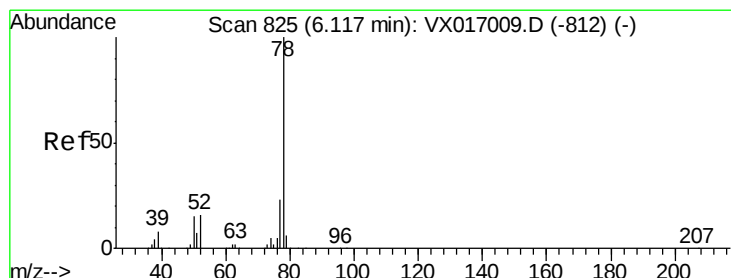
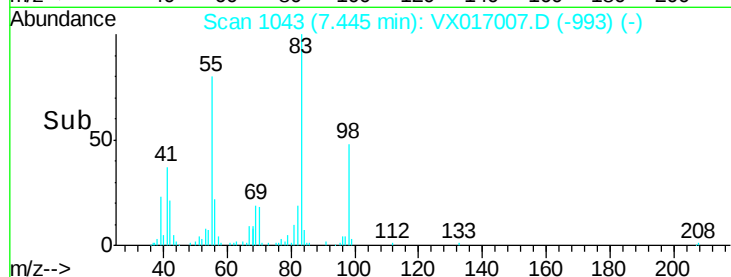
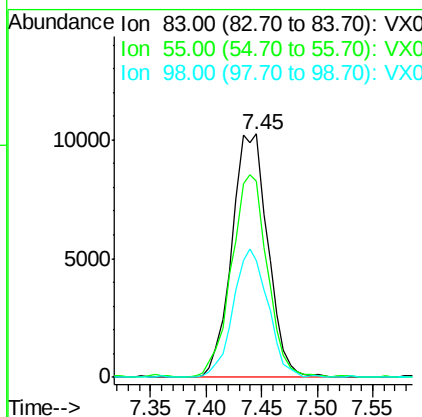
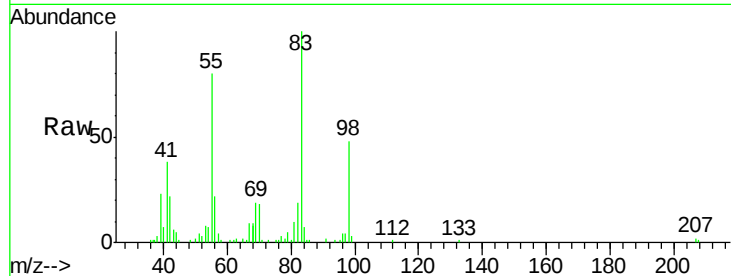
#39
Methylvlcvclohexane
Concen: 4.688 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
83	100	23052		
55	80.5		62.5	93.7
98	48.1		40.1	60.1

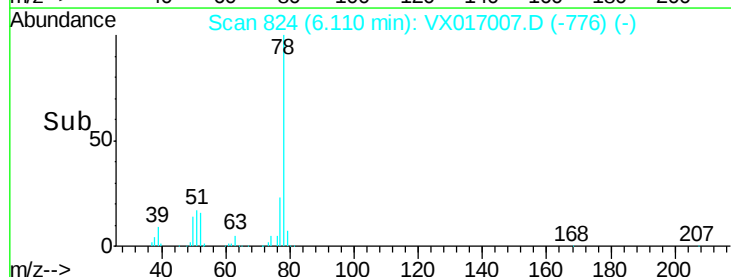
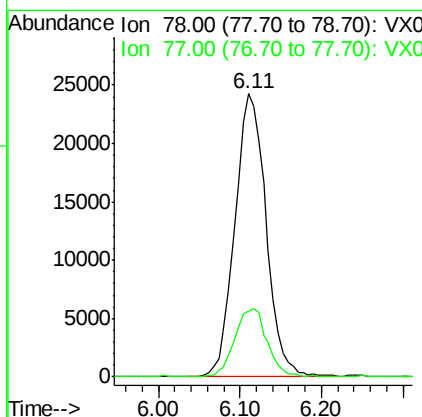
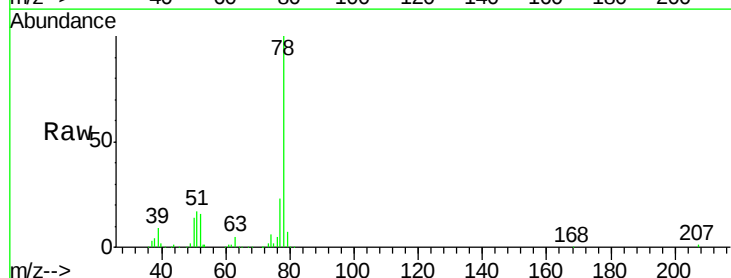
Manual Integrations
APPROVED

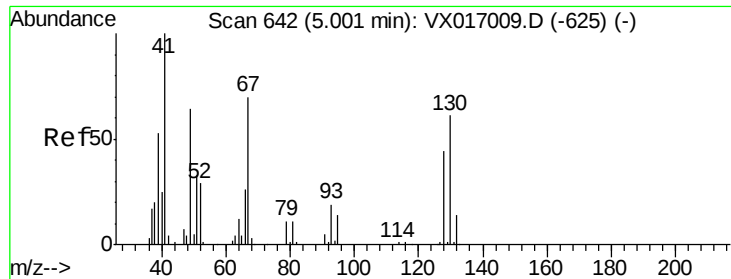
MMDadoda
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#40
Benzene
Concen: 4.953 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	64310		
77	23.4		18.3	27.5





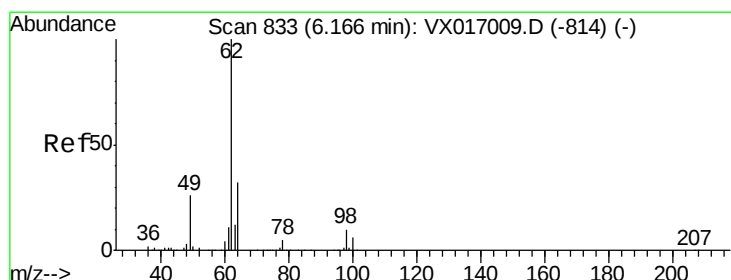
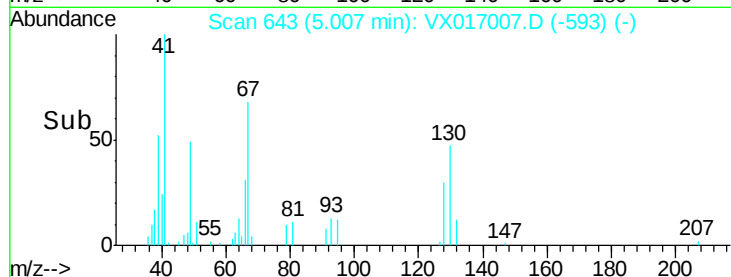
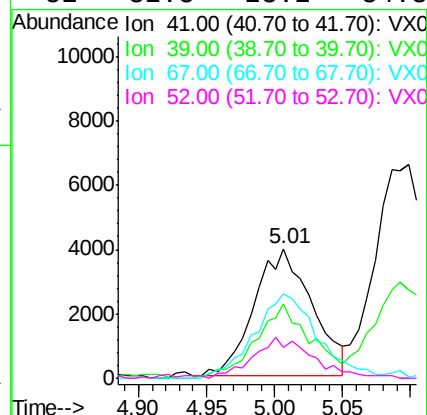
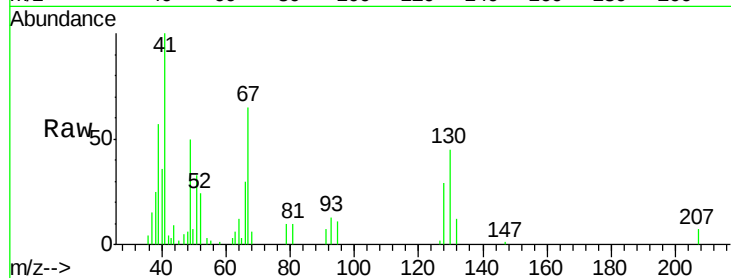
#41
Methacrylonitrile
Concen: 4.672 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	44.4	66.6	
67	72.5	57.1	85.7	
52	32.8	23.2	34.8	

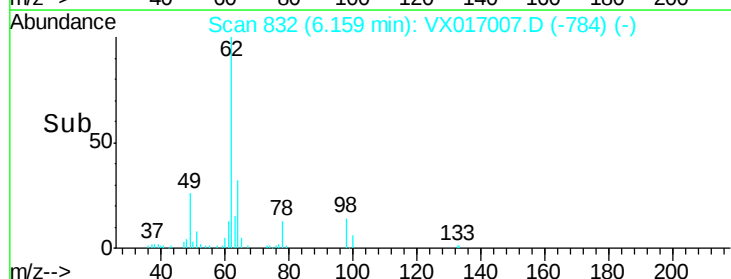
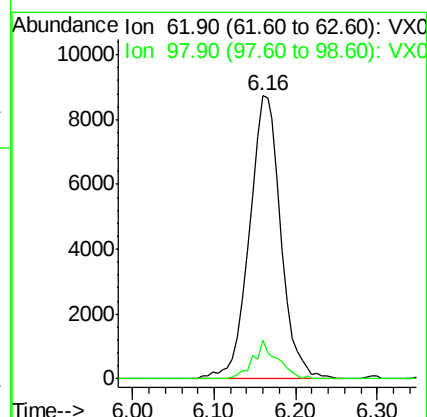
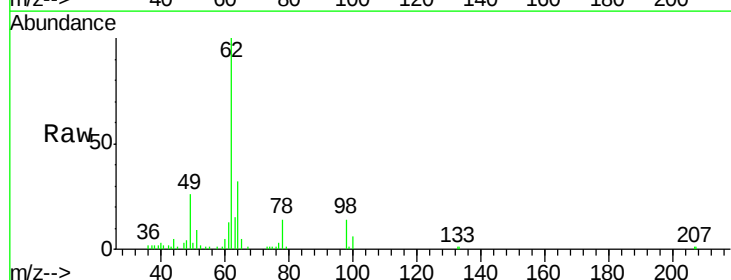
Manual Integrations
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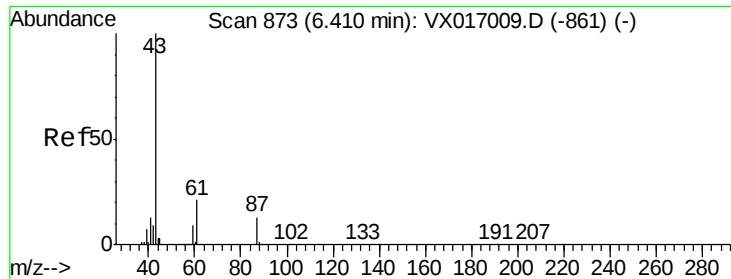
MMDadoda
6/30/2020 10:12:44 AM



#42
1,2-Dichloroethane
Concen: 5.002 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.2	





#43

Isopropyl Acetate

Concen: 4.664 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

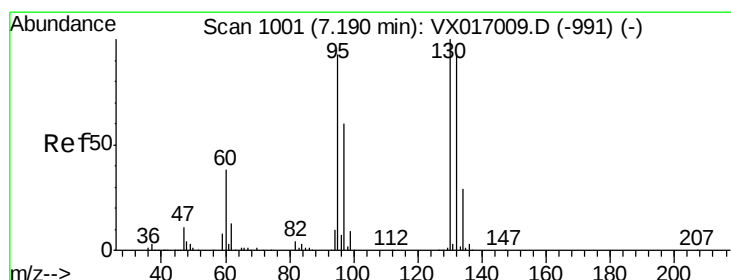
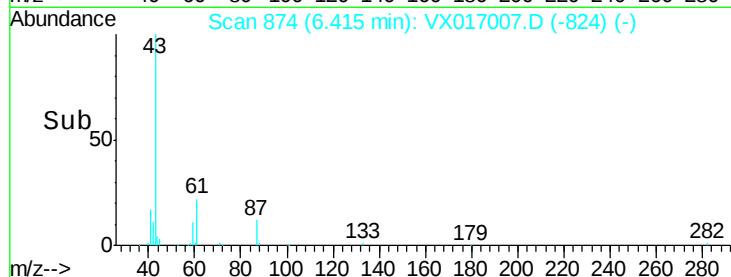
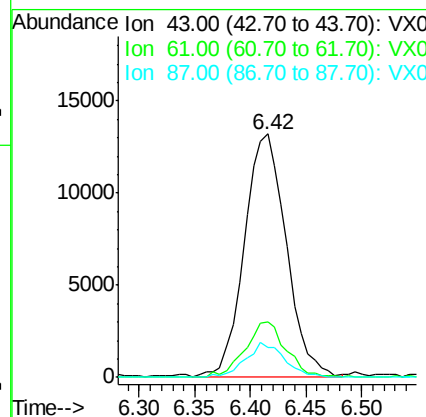
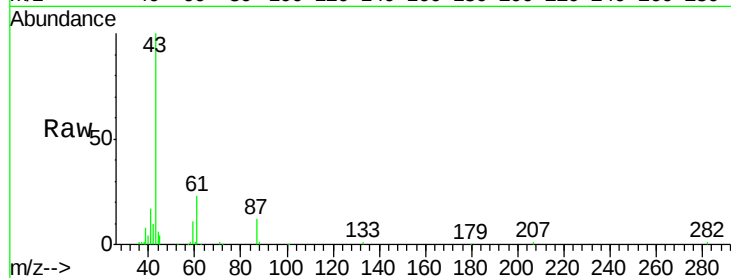
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	34752
Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.2	24.2
87	13.0	10.7	16.1

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#44

Trichloroethene

Concen: 4.972 ug/l

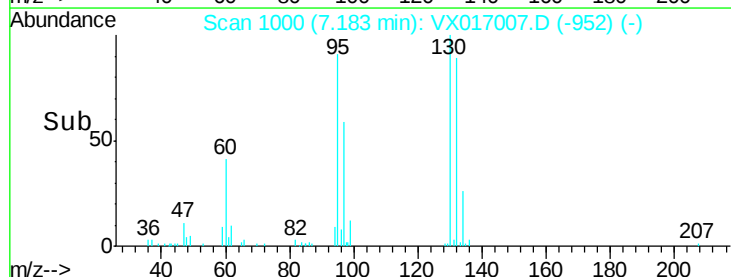
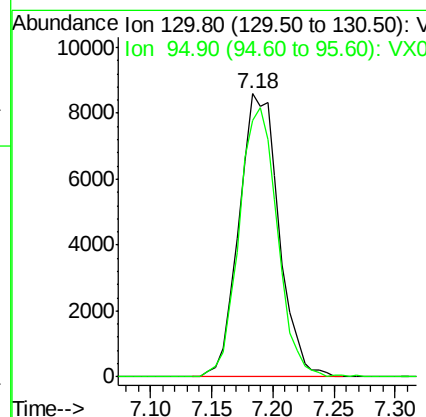
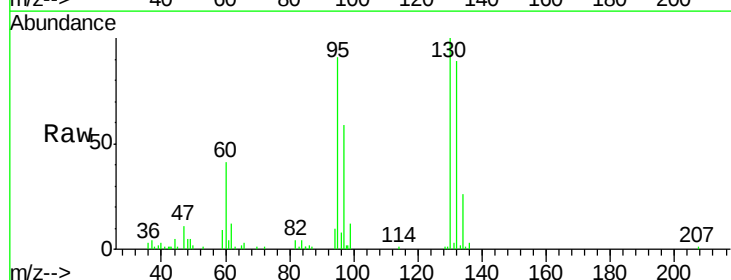
RT: 7.18 min Scan# 1000

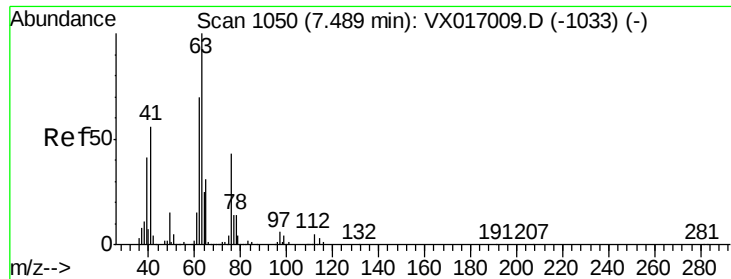
Delta R.T. -0.01 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	130	Resp:	19447
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	185.0





#45

1,2-Dichloropropane

Concen: 5.031 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 16777

Ion Ratio Lower Upper

63 100

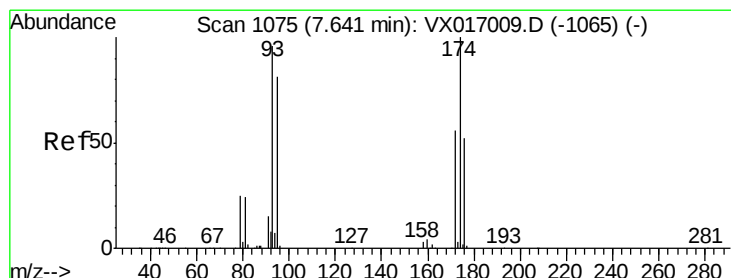
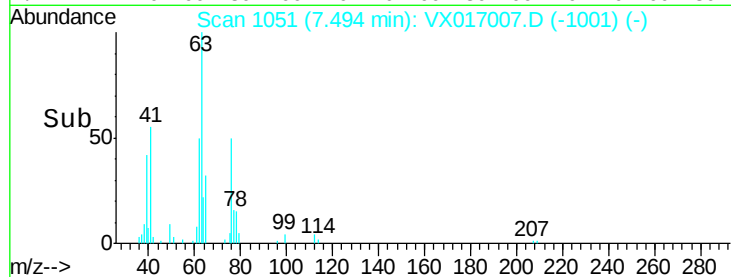
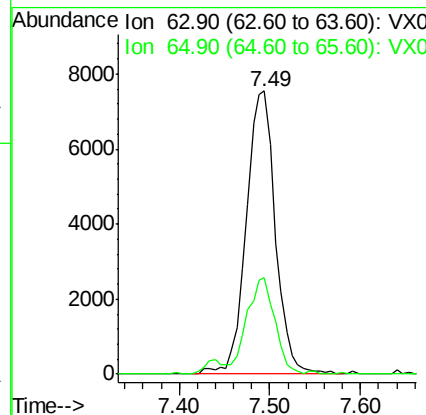
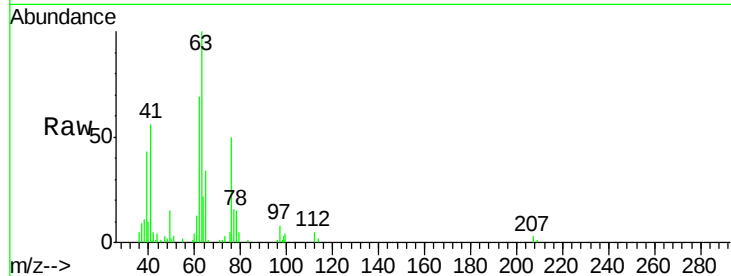
65 33.9 24.6 36.8

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#46

Dibromomethane

Concen: 4.965 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

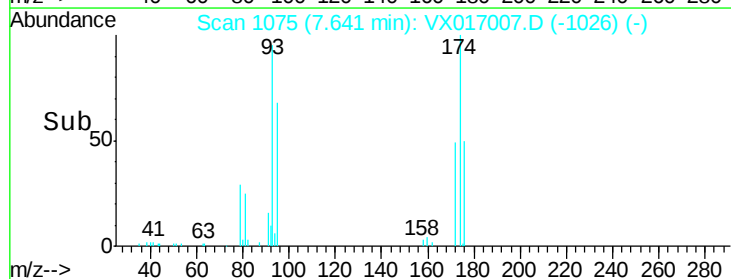
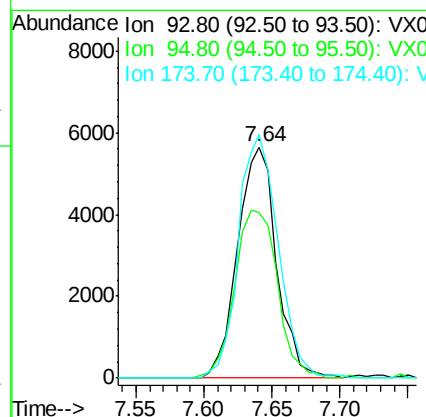
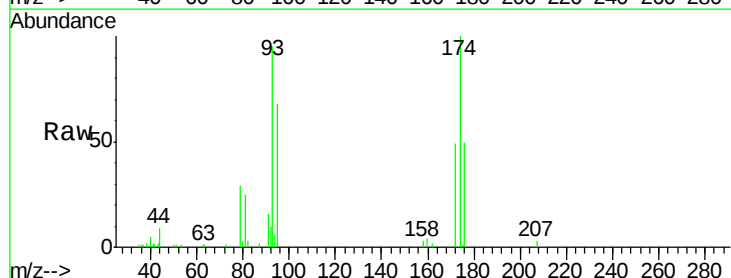
Tgt Ion: 93 Resp: 11305

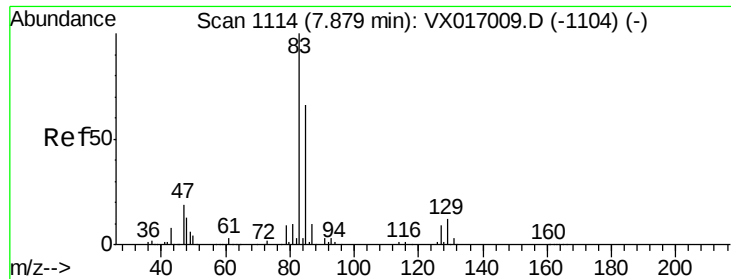
Ion Ratio Lower Upper

93 100

95 79.6 67.4 101.0

174 107.3 84.3 126.5





#47

Bromodichloromethane

Concen: 4.844 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

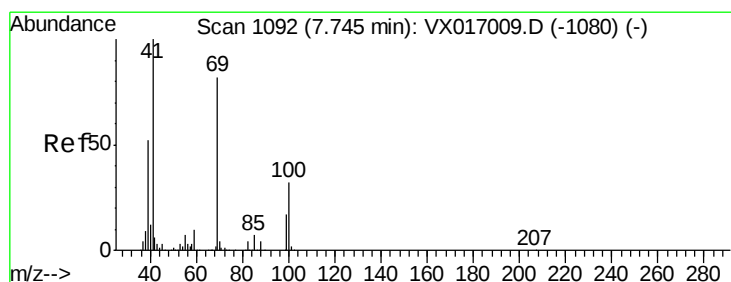
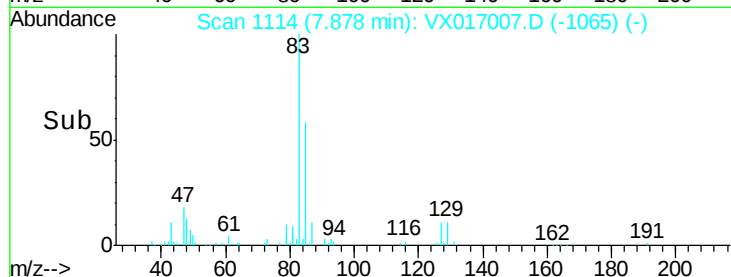
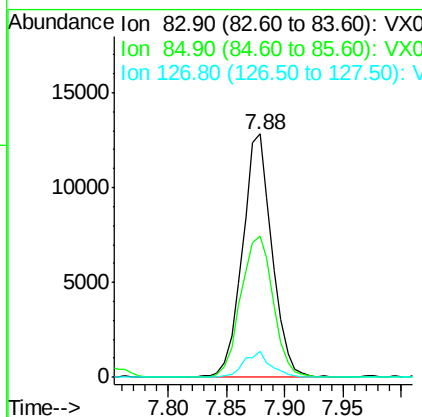
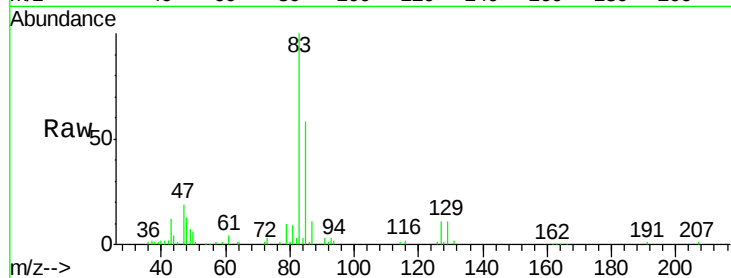
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	22730
Ion	Ratio	Lower	Upper
83	100		
85	58.1	53.0	79.4
127	10.5	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.756 ug/l

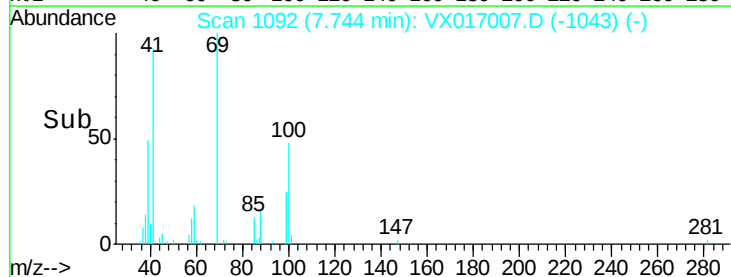
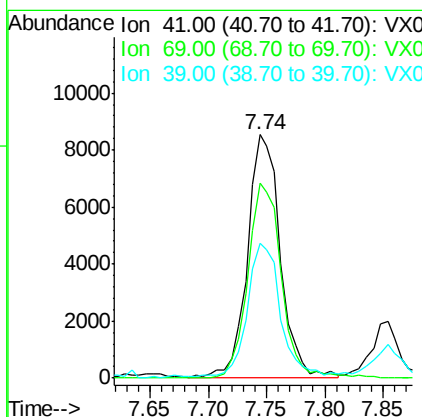
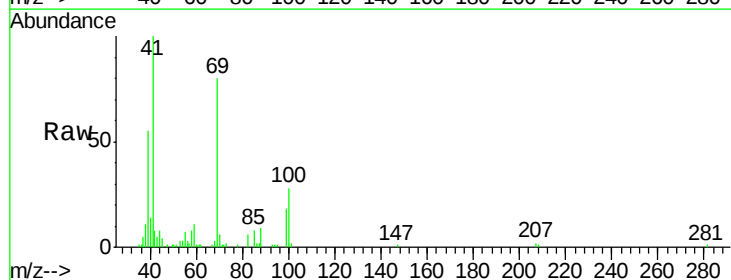
RT: 7.74 min Scan# 1092

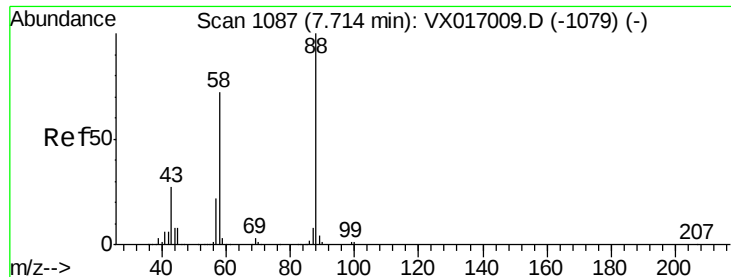
Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	41	Resp:	16835
Ion	Ratio	Lower	Upper
41	100		
69	82.1	65.8	98.8
39	54.4	42.5	63.7





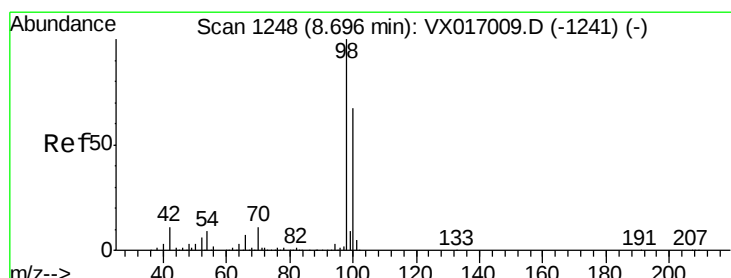
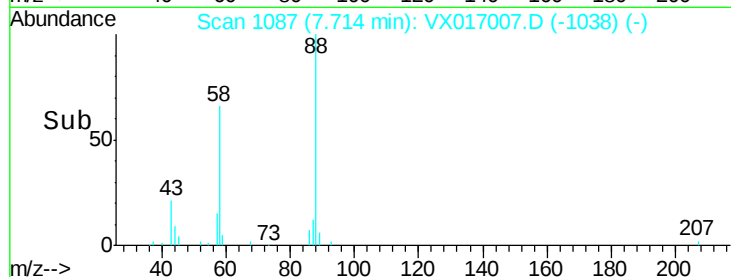
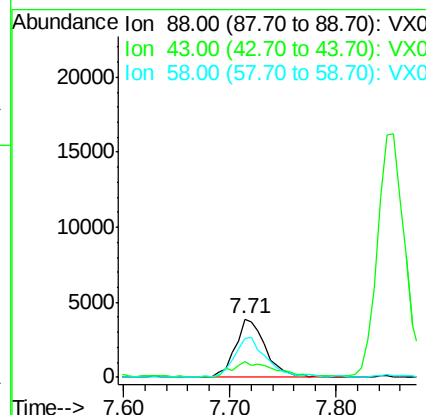
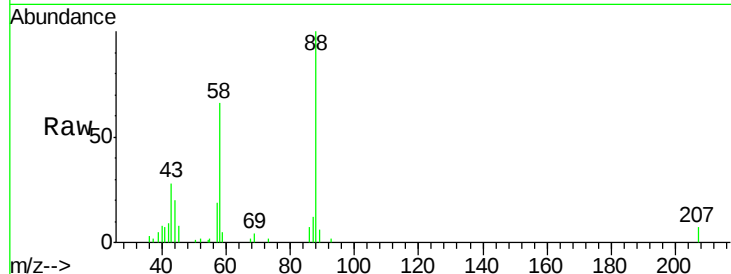
#49
1,4-Dioxane
Concen: 97.063 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.0	25.8	38.8
58	72.9	54.8	82.2

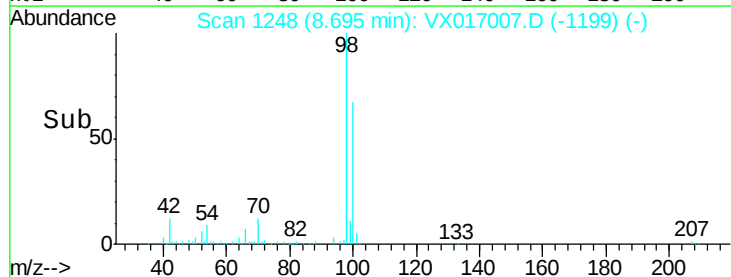
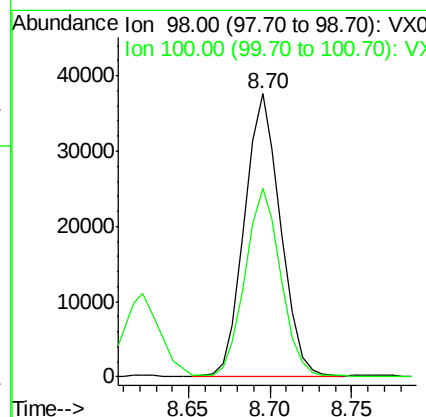
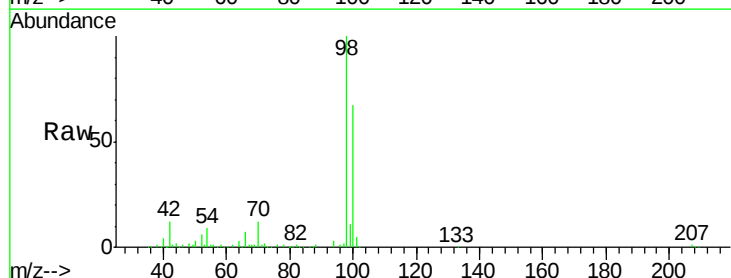
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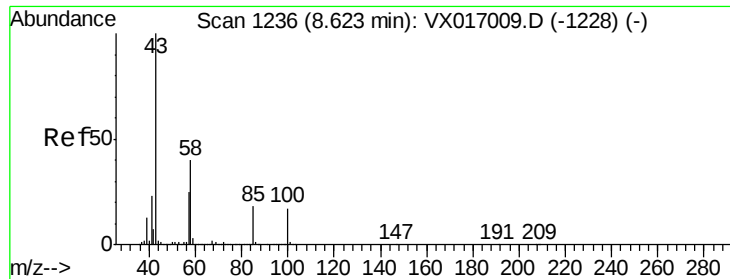
MMDadoda
6/30/2020 10:12:44 AM



#50
Toluene-d8
Concen: 5.301 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 24.205 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 107508

Ion Ratio Lower Upper

43 100

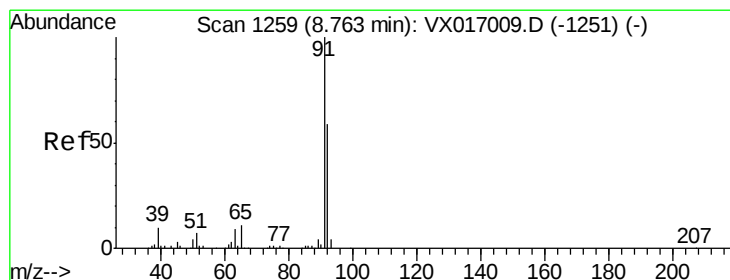
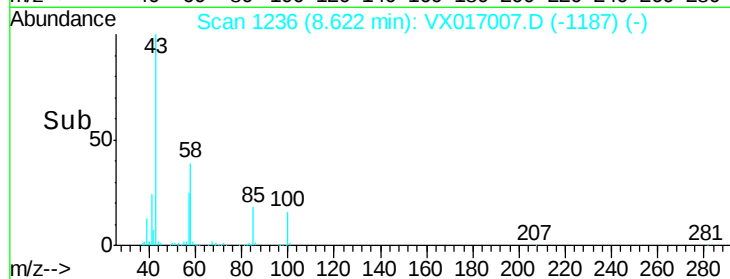
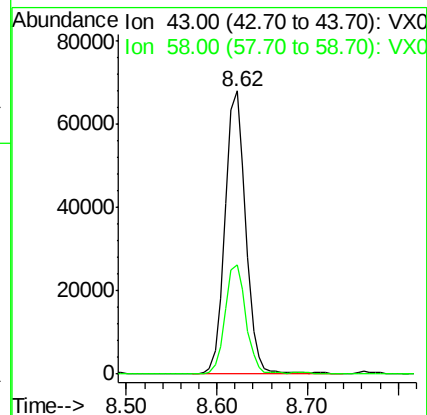
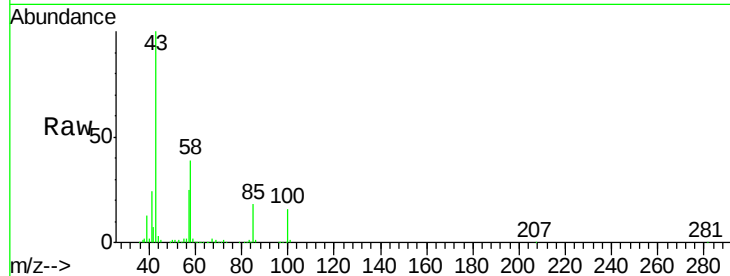
58 39.0 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 4.839 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017007.D

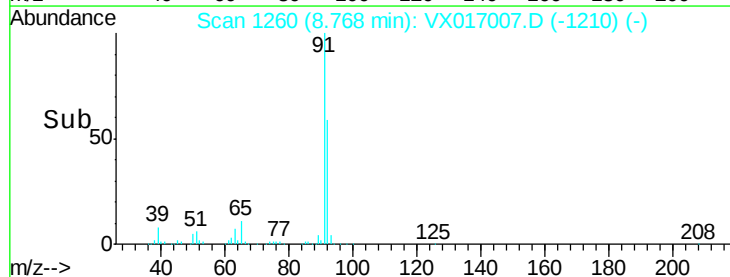
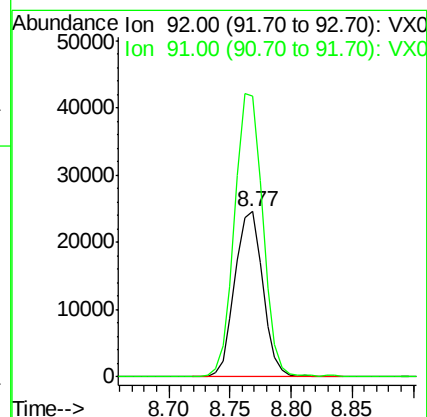
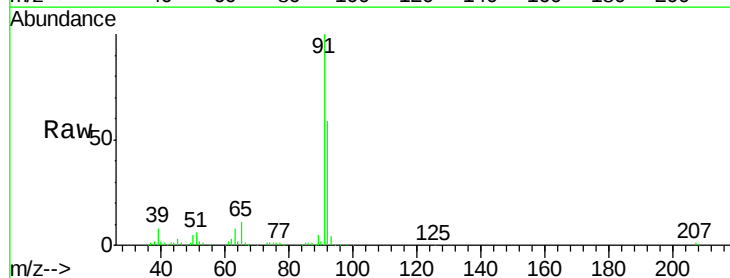
Acq: 29 Jun 2020 14:35

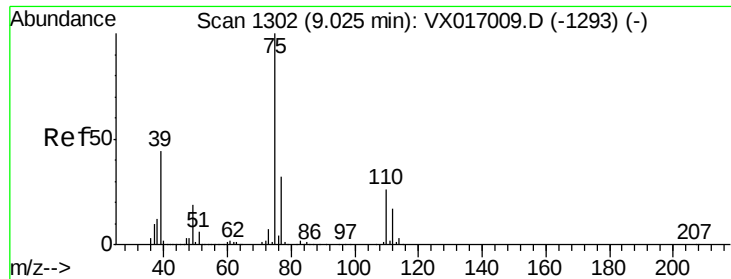
Tgt Ion: 92 Resp: 39228

Ion Ratio Lower Upper

92 100

91 171.0 136.9 205.3





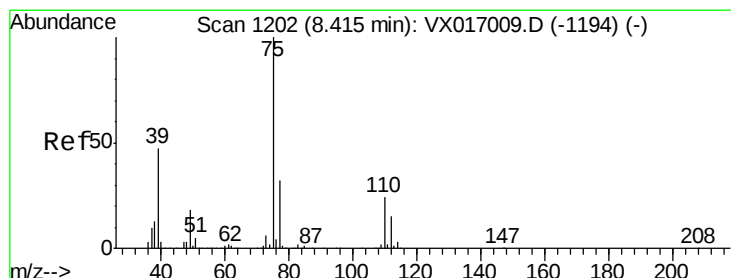
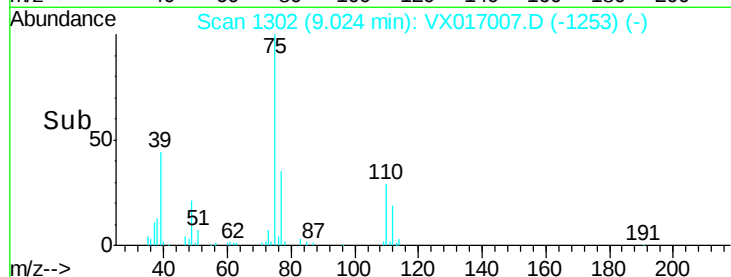
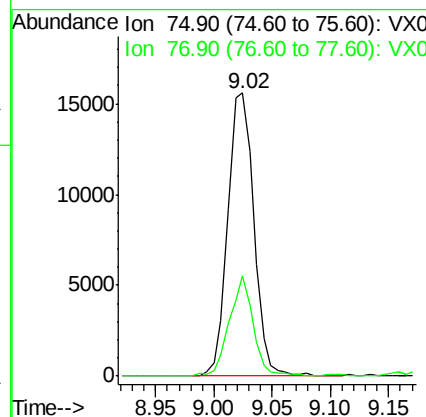
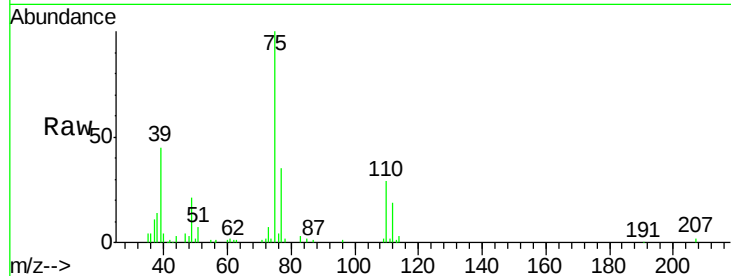
#53
 t-1,3-Dichloropropene
 Concen: 4.698 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 75 Resp: 24321
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.6 38.4

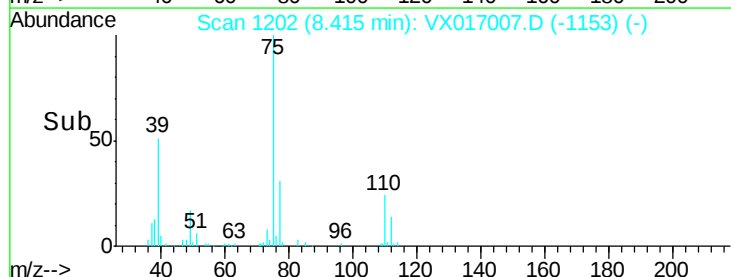
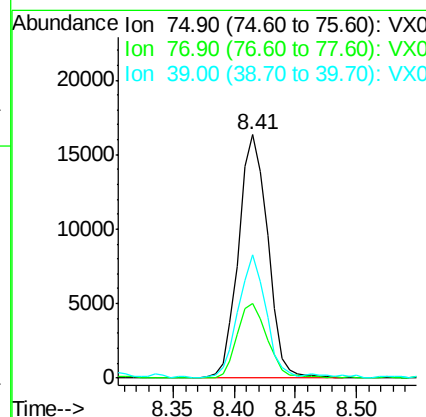
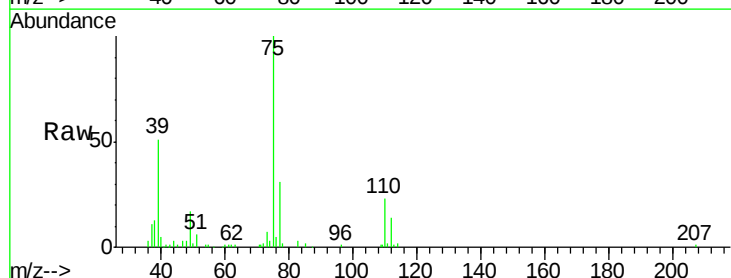
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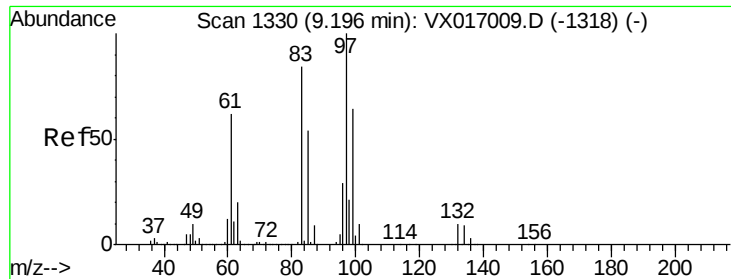
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 4.880 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Tgt Ion: 75 Resp: 27082
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 50.5 37.4 56.2





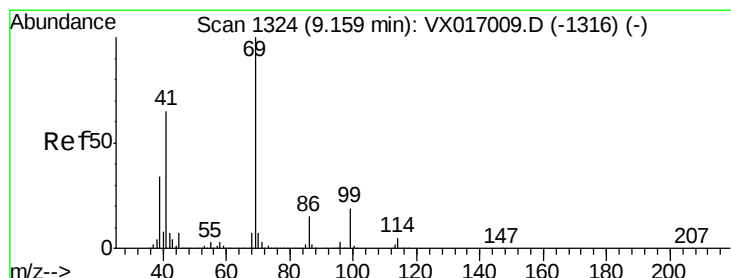
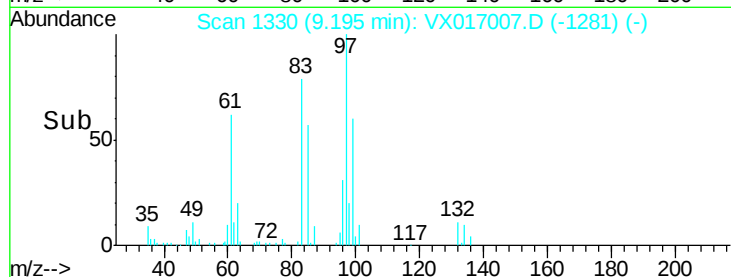
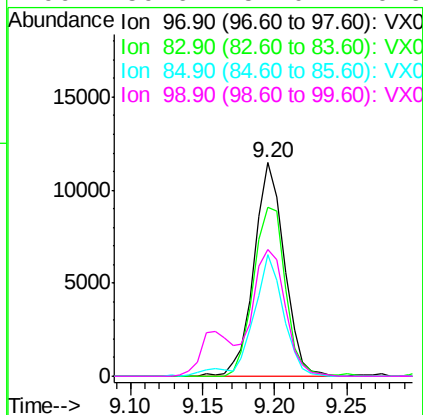
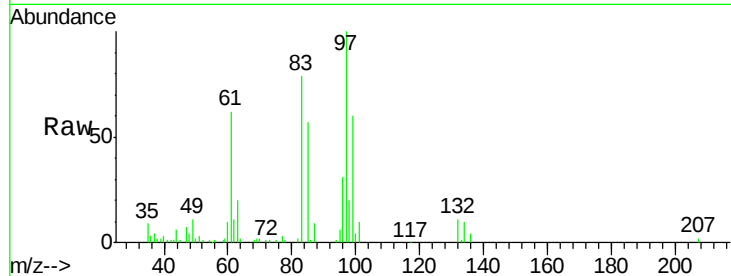
#55
 1,1,2-Trichloroethane
 Concen: 5.036 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	16682
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.0	100.6
85	56.7	43.5	65.3
99	59.6	51.0	76.6

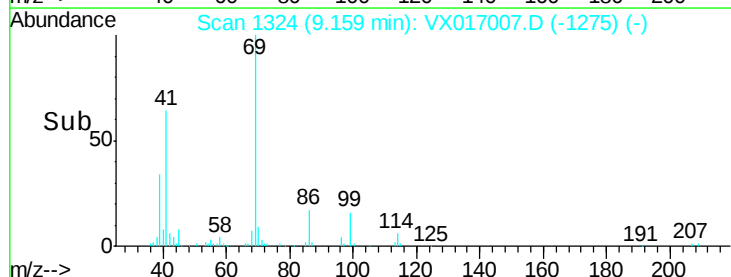
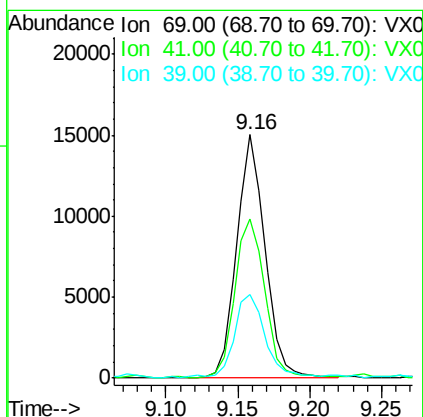
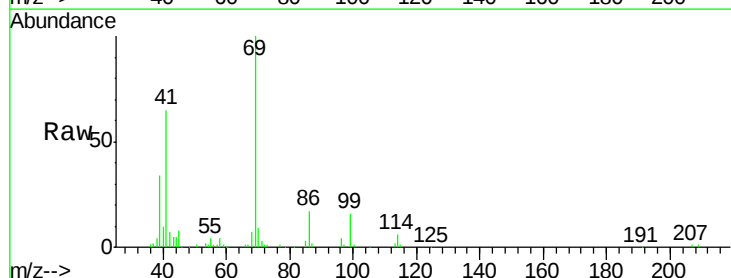
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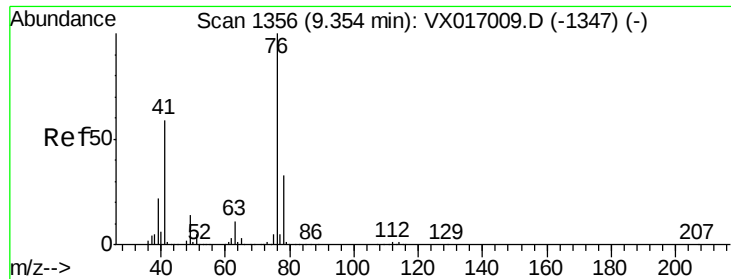
MMDadoda
 6/30/2020 10:12:44 AM



#56
 Ethyl methacrylate
 Concen: 4.400 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Tgt Ion:	69	Resp:	20742
Ion	Ratio	Lower	Upper
69	100		
41	69.7	53.6	80.4
39	37.5	28.2	42.2





#57

1,3-Dichloropropane

Concen: 4.957 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 27782

Ion Ratio Lower Upper

76 100

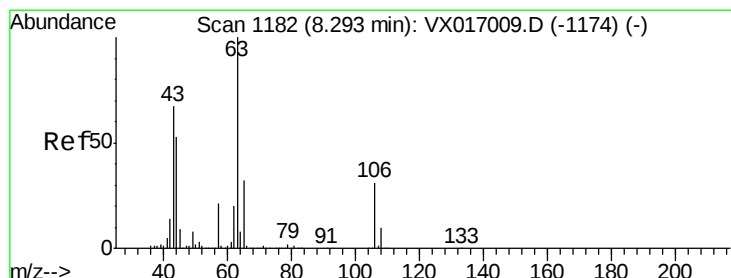
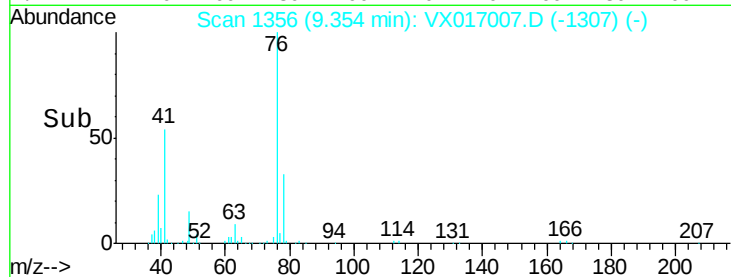
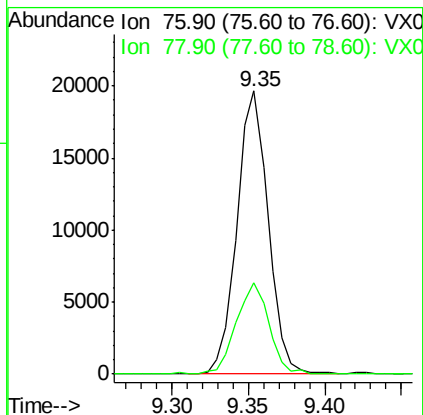
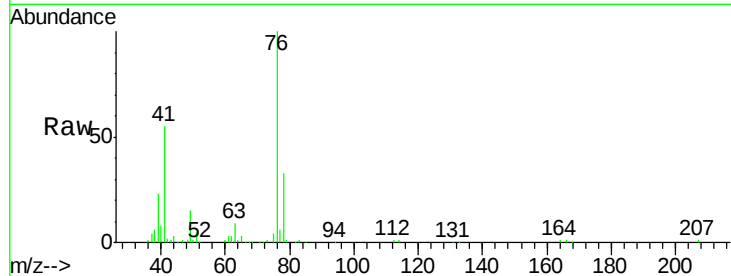
78 34.1 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 24.079 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017007.D

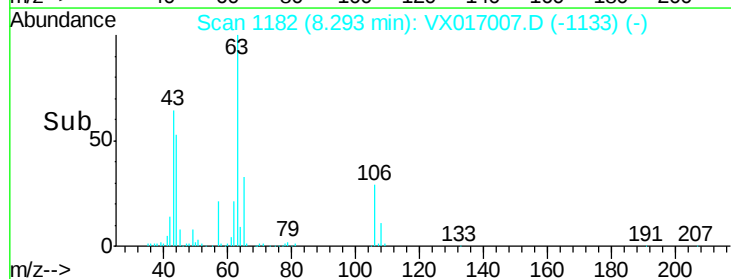
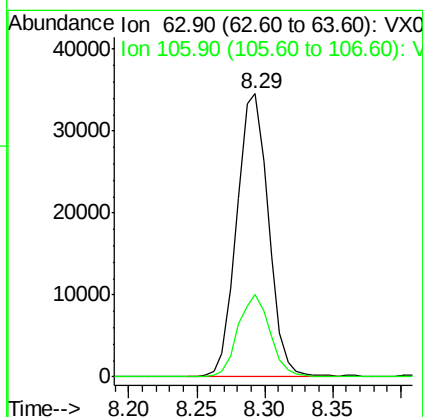
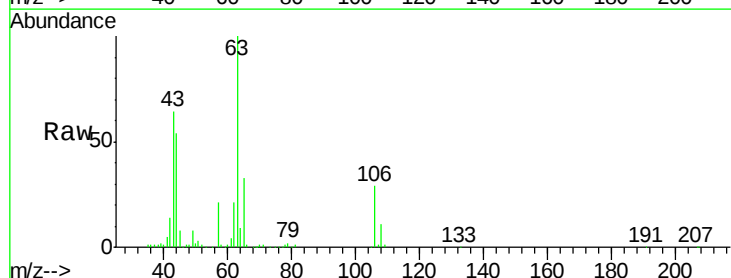
Acq: 29 Jun 2020 14:35

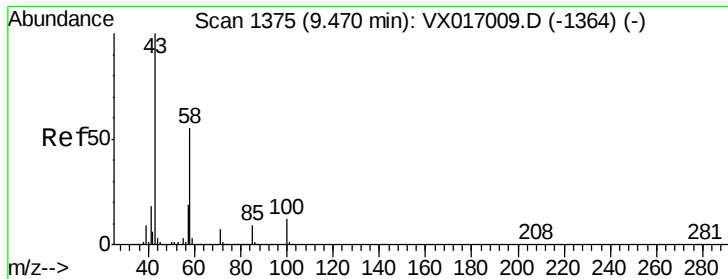
Tgt Ion: 63 Resp: 56498

Ion Ratio Lower Upper

63 100

106 29.3 24.0 36.0





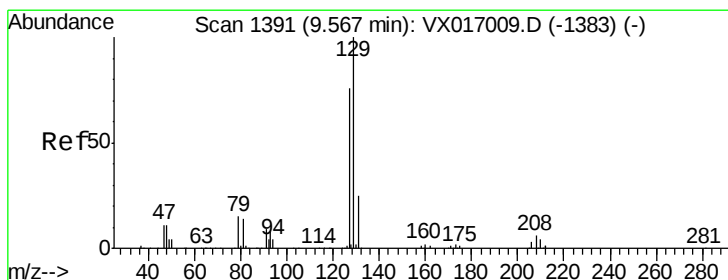
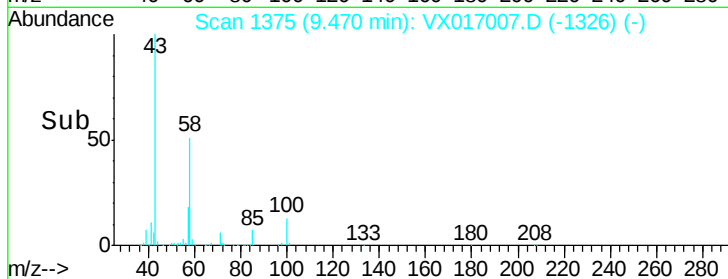
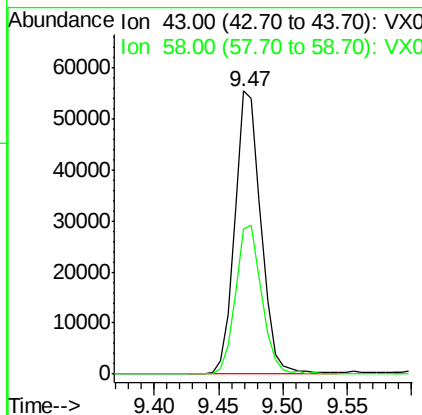
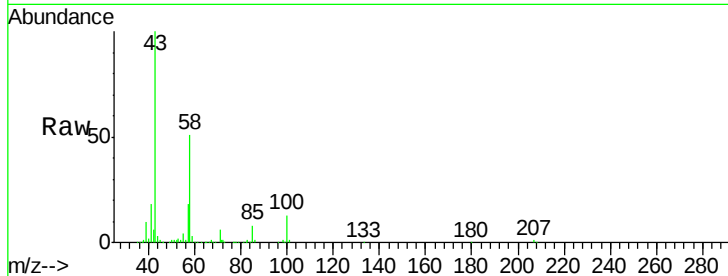
#59
2-Hexanone
Concen: 24.141 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.8	27.9	83.6

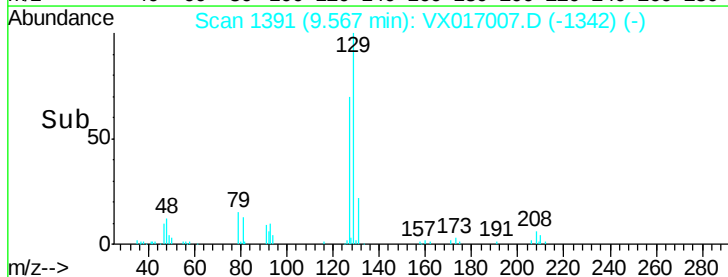
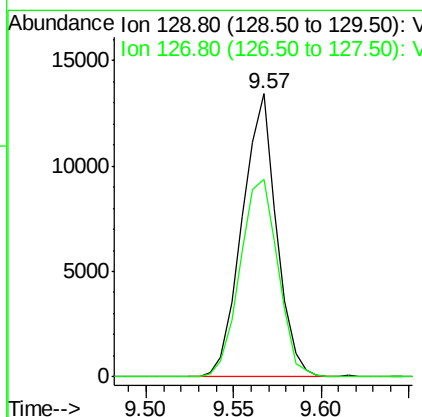
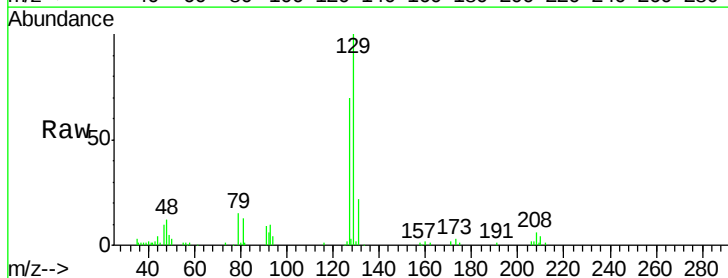
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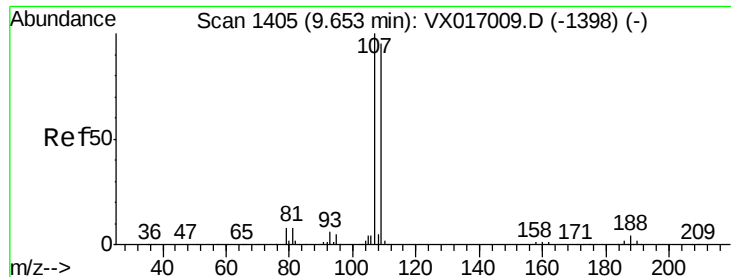
MMDadoda
6/30/2020 10:12:44 AM



#60
Dibromochloromethane
Concen: 4.764 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.9	116.7





#61

1,2-Dibromoethane

Concen: 4.913 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 17491

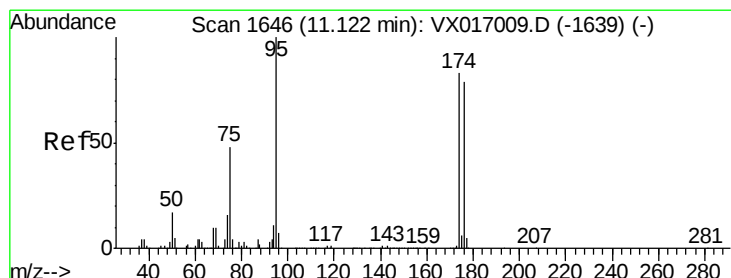
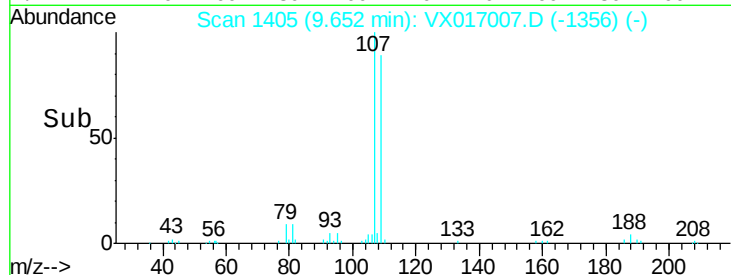
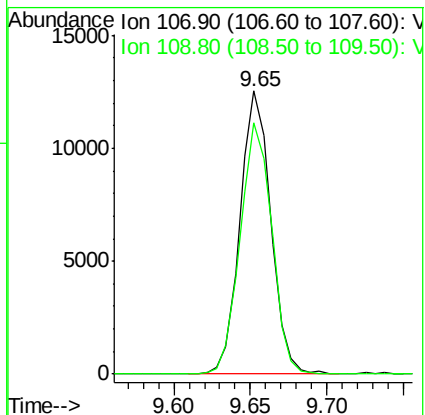
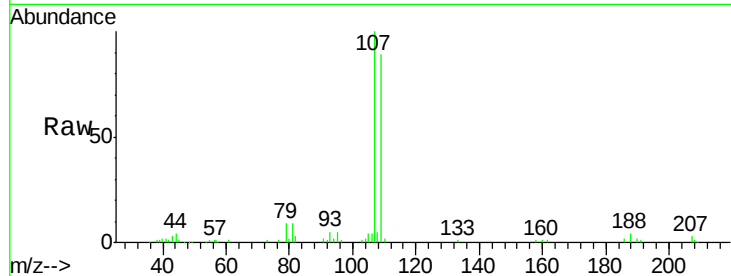
Ion Ratio Lower Upper

107 100

109 91.1 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 5.066 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

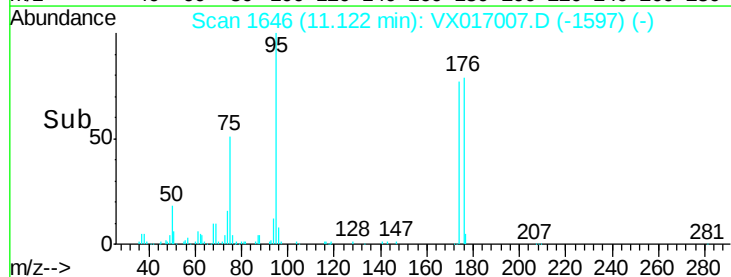
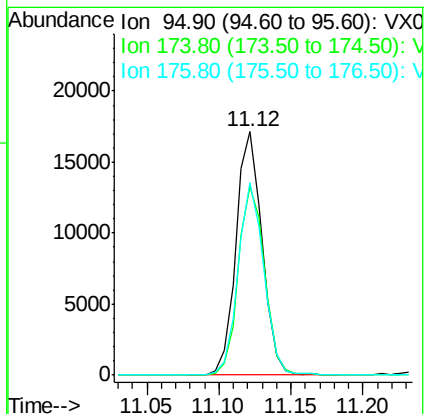
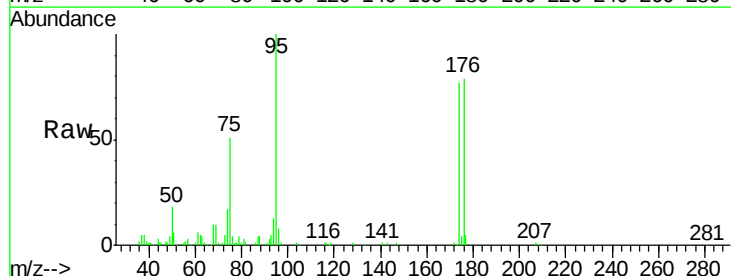
Tgt Ion: 95 Resp: 21660

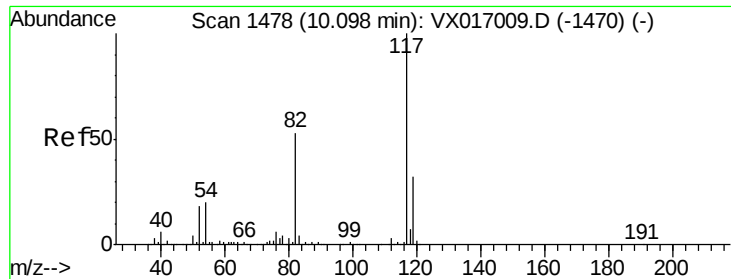
Ion Ratio Lower Upper

95 100

174 77.8 0.0 164.0

176 77.7 0.0 157.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

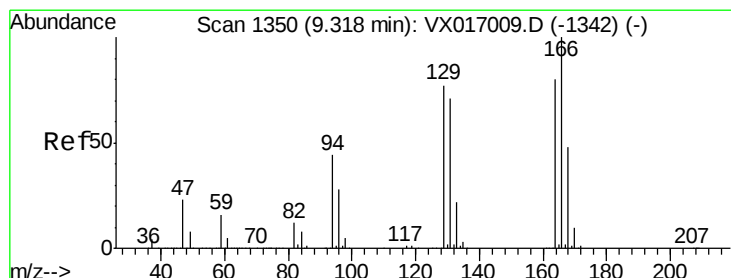
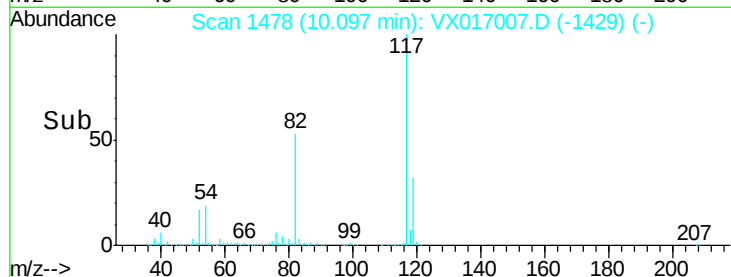
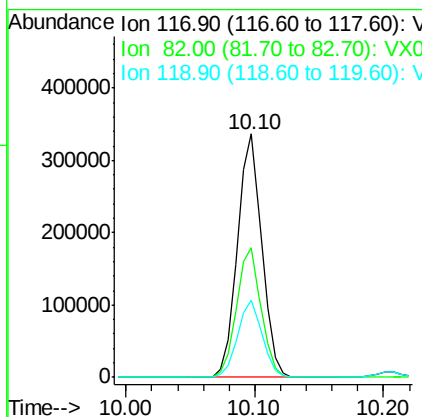
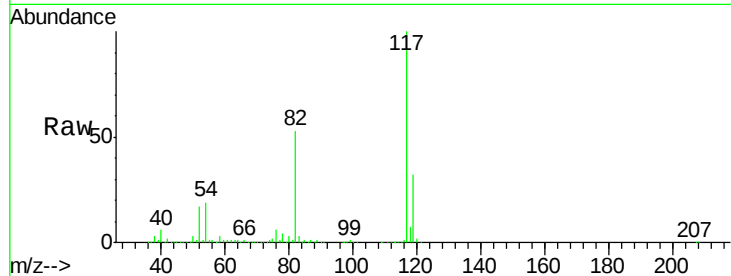
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	441650
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.6	63.8
119	31.8	25.4	38.2

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#64

Tetrachloroethene

Concen: 5.283 ug/l

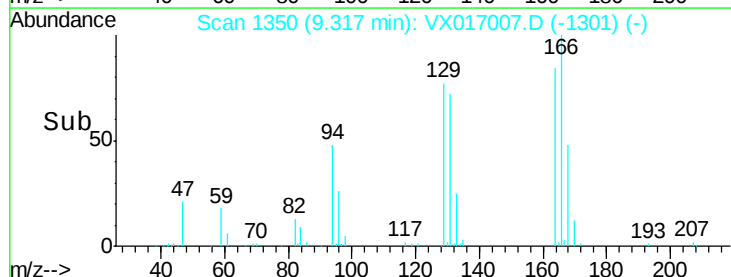
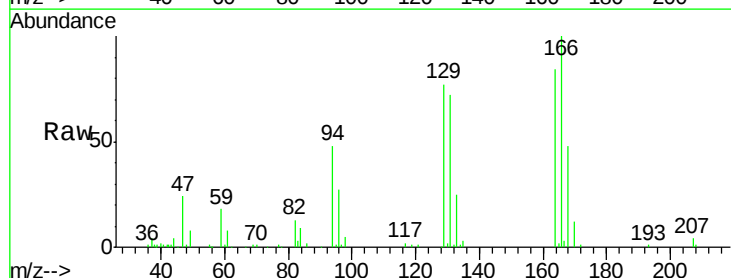
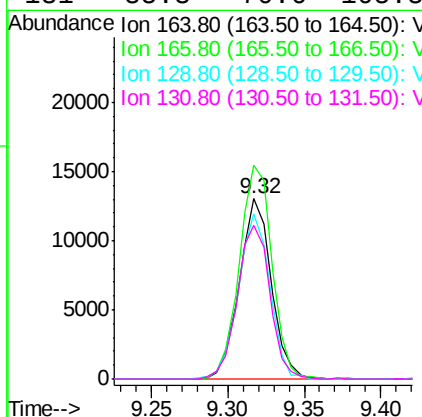
RT: 9.32 min Scan# 1350

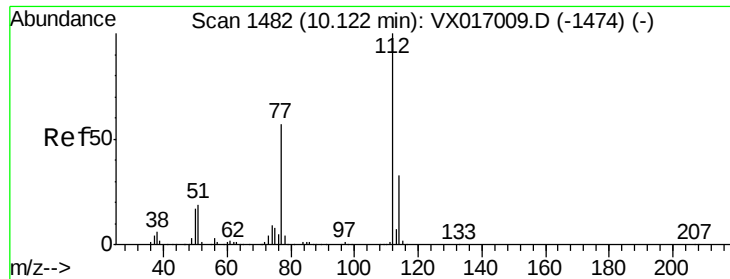
Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	164	Resp:	18832
Ion Ratio	Lower	Upper	
164	100		
166	118.6	99.4	149.0
129	91.8	76.3	114.5
131	85.3	70.6	105.8





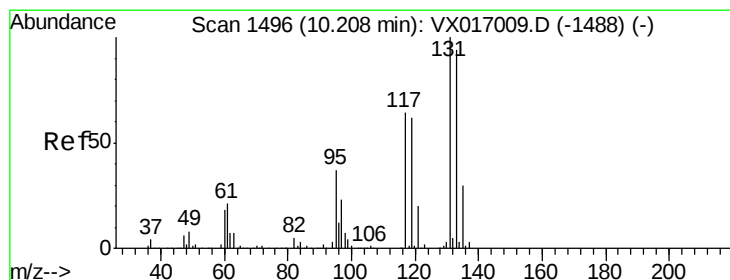
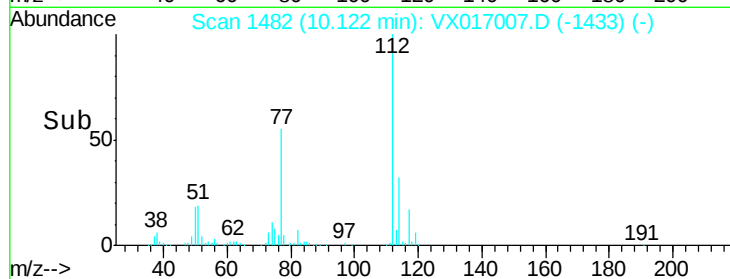
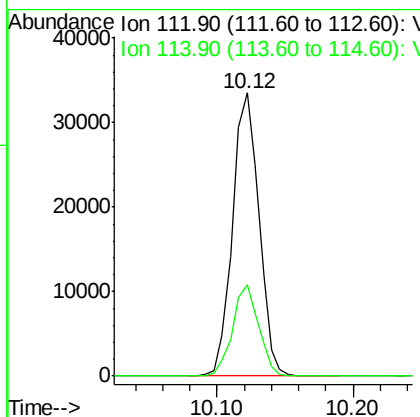
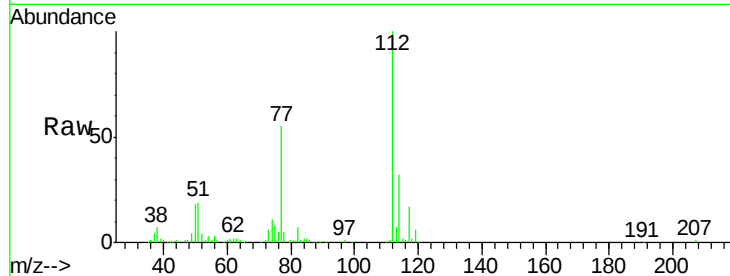
#65
Chlorobenzene
Concen: 4.979 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.2	39.4

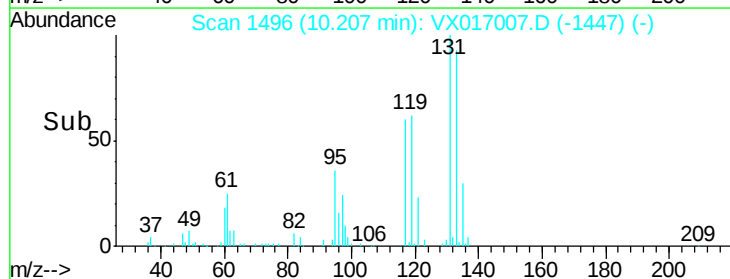
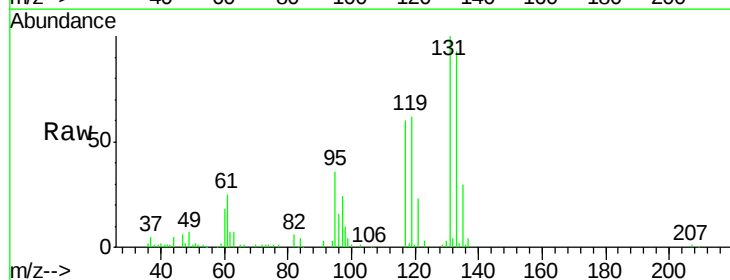
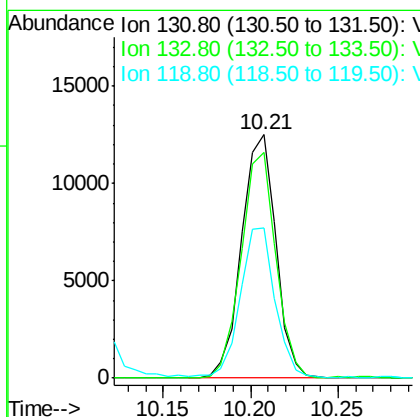
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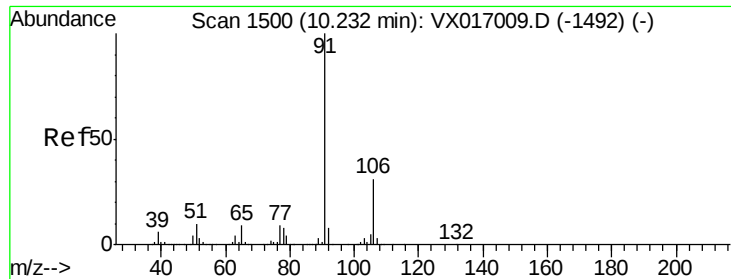
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.869 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.3	141.9
119	63.1	31.9	95.5





#67

Ethyl Benzene

Concen: 4.757 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 72409

Ion Ratio Lower Upper

91 100

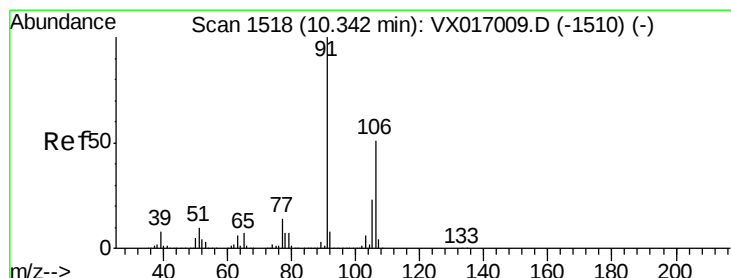
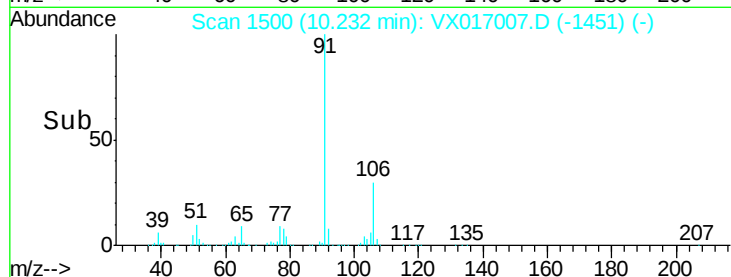
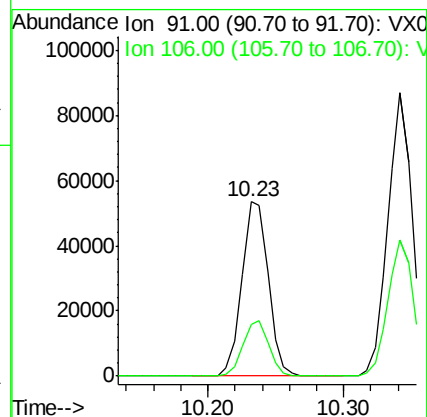
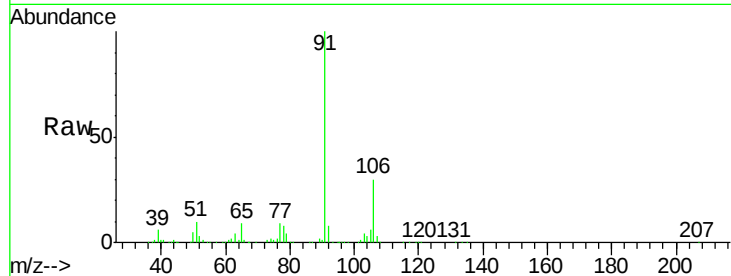
106 29.5 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 9.392 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017007.D

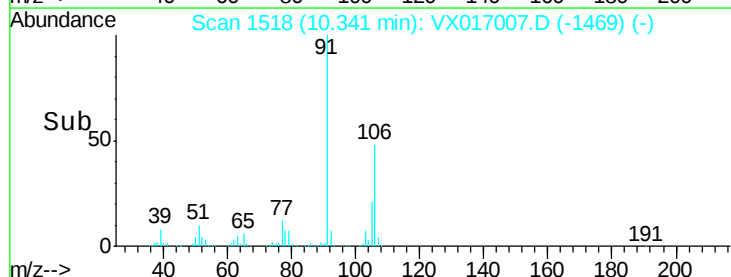
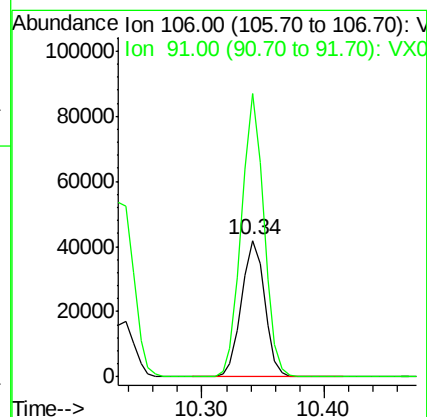
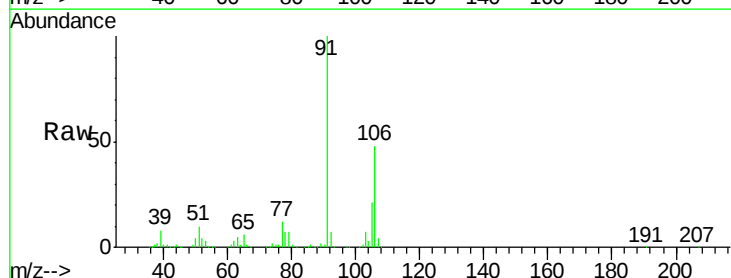
Acq: 29 Jun 2020 14:35

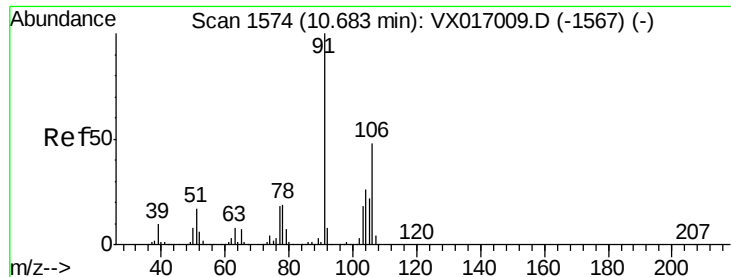
Tgt Ion: 106 Resp: 54898

Ion Ratio Lower Upper

106 100

91 200.0 158.6 238.0





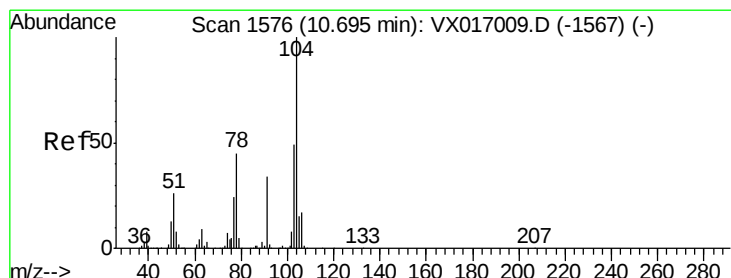
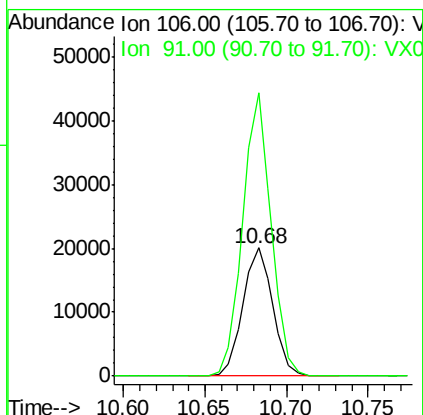
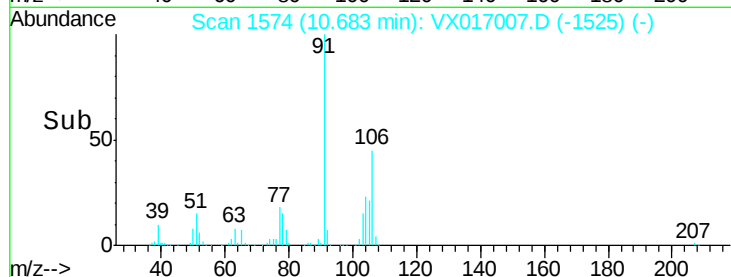
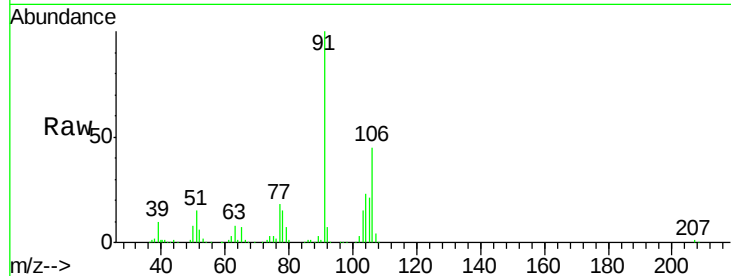
#69
o-Xylene
Concen: 4.650 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 25857
Ion Ratio Lower Upper
106 100
91 209.0 105.6 316.7

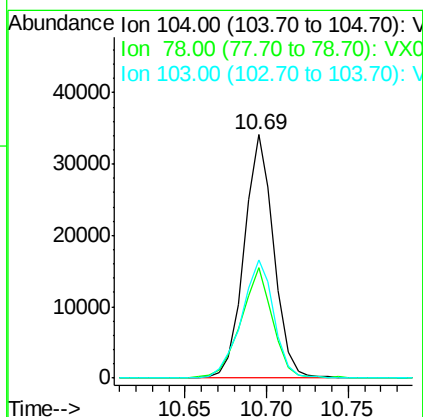
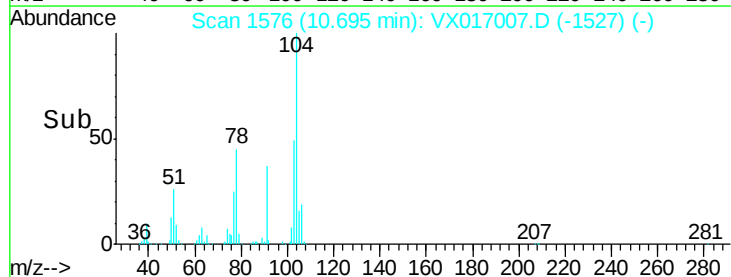
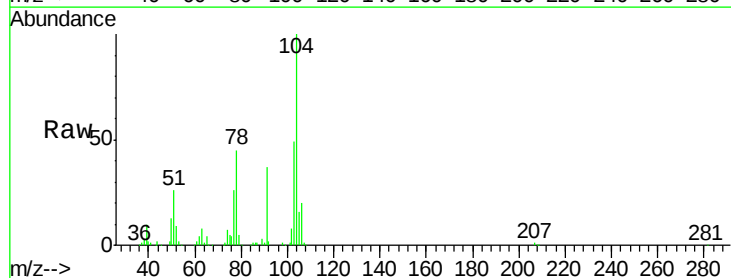
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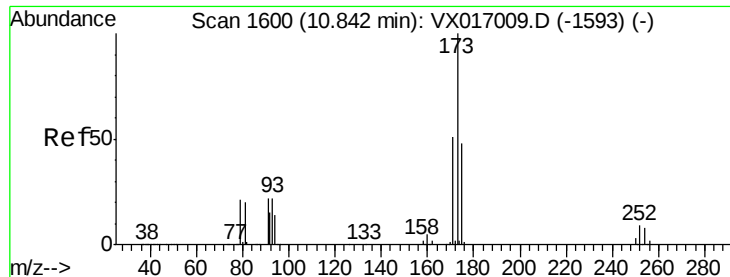
MMDadoda
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#70
Styrene
Concen: 4.559 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion:104 Resp: 43168
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 53.4 43.0 64.6





#71

Bromoform

Concen: 4.841 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 13485

Ion Ratio Lower Upper

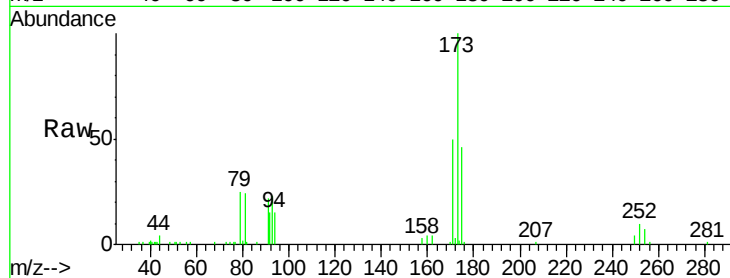
173 100

175 47.7 24.5 73.5

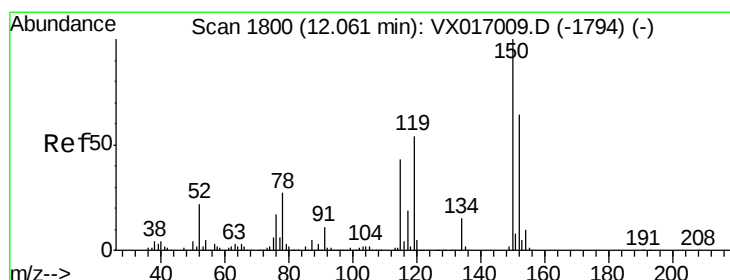
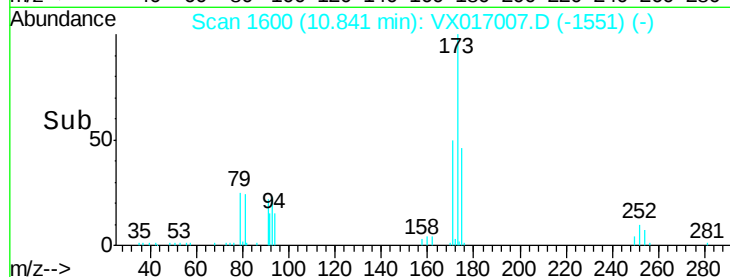
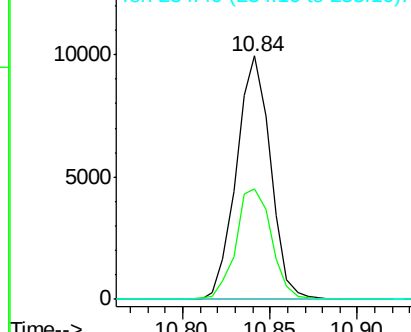
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

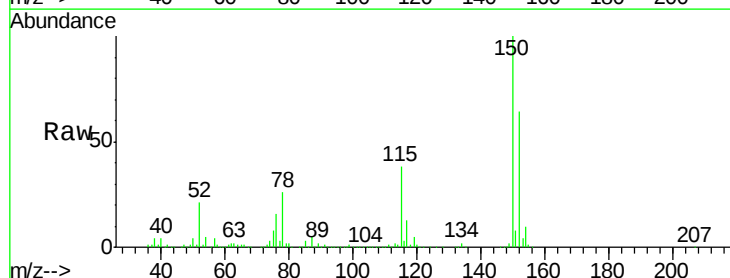
Tgt Ion:152 Resp: 221915

Ion Ratio Lower Upper

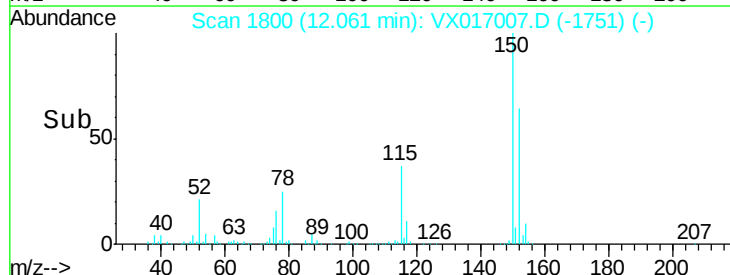
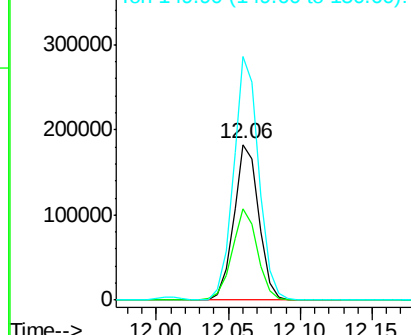
152 100

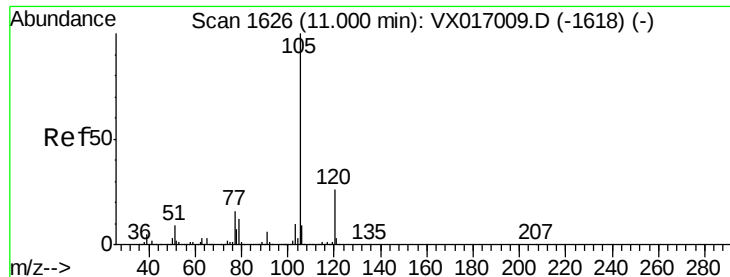
115 59.6 40.9 122.7

150 157.1 0.0 351.6



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





#73

Isopropylbenzene

Concen: 4.864 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 70703

Ion Ratio Lower Upper

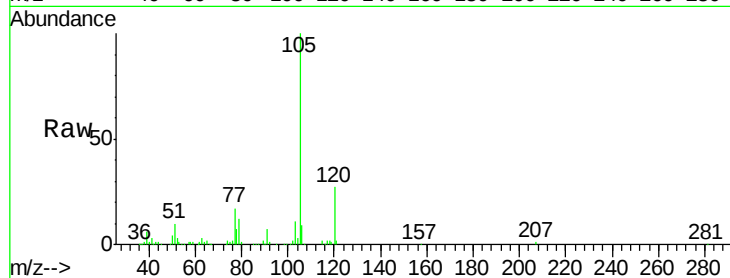
105 100

120 26.8 13.4 40.2

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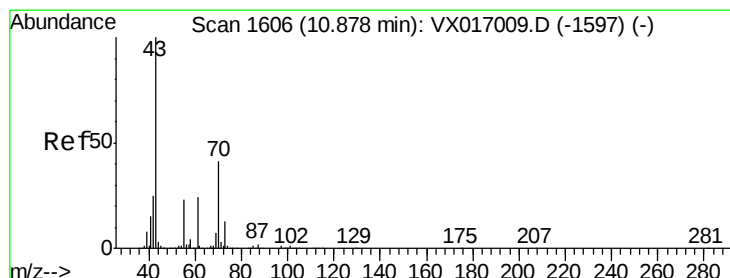
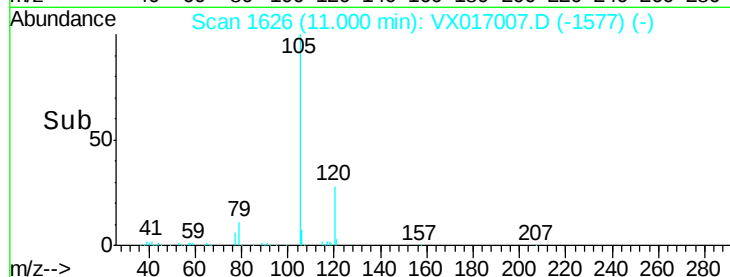
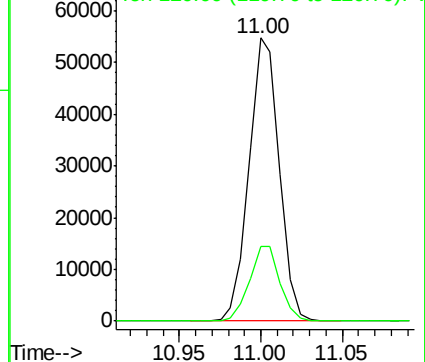
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.477 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion: 43 Resp: 27768

Ion Ratio Lower Upper

43 100

70 40.8 34.2 51.2

55 26.4 19.2 28.8

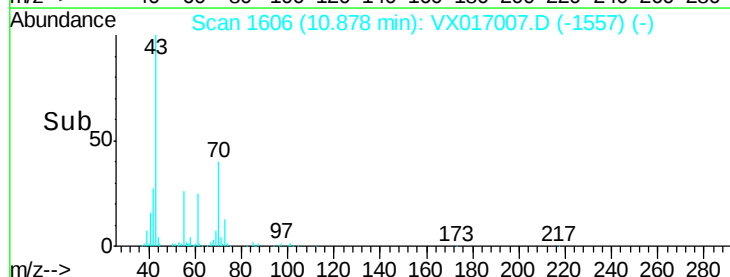
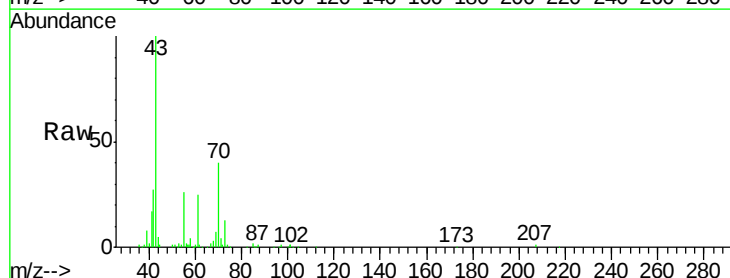
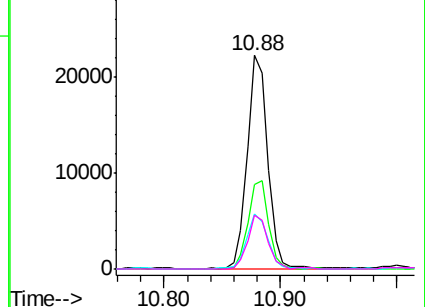
61 24.3 19.6 29.4

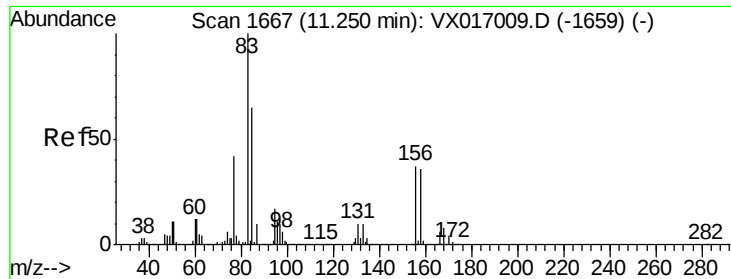
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 5.050 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

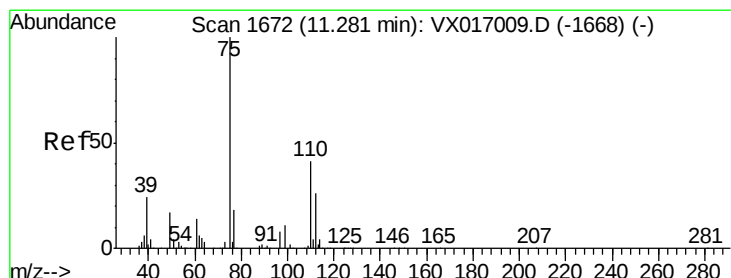
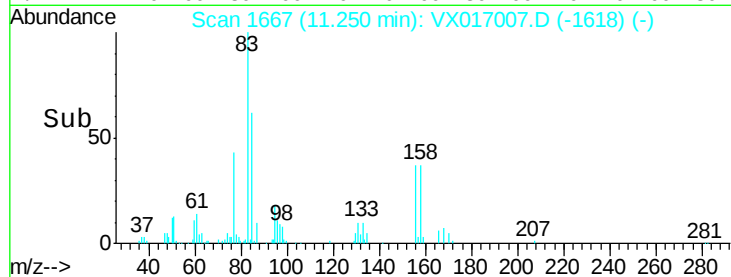
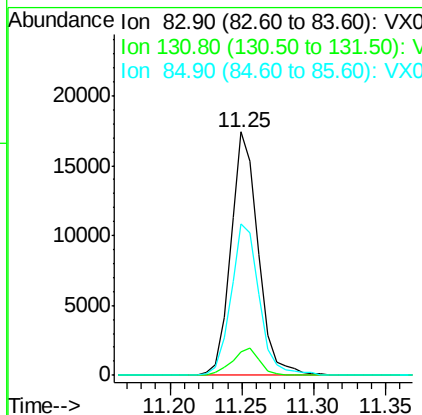
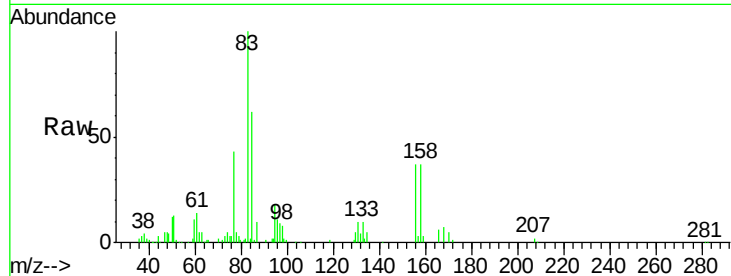
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	23088
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.4	16.2
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 3.983 ug/l m

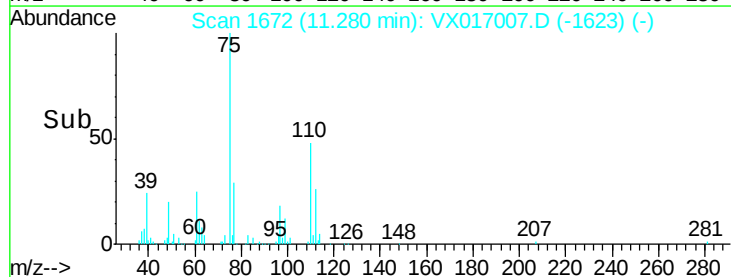
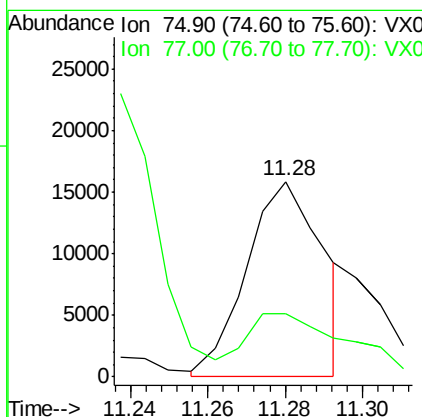
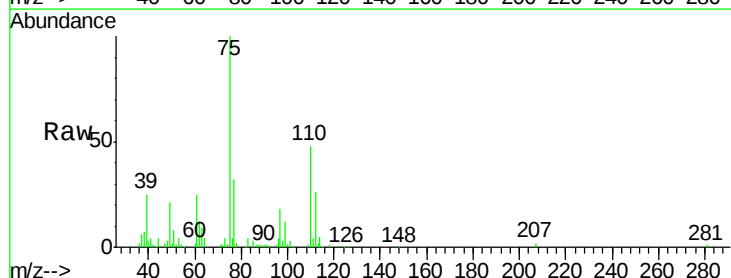
RT: 11.28 min Scan# 1672

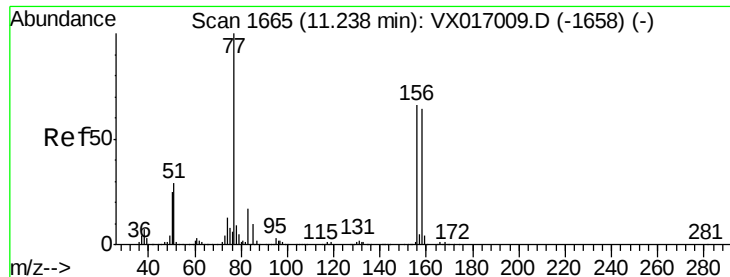
Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	75	Resp:	21769
Ion Ratio	Lower	Upper	
75	100		
77	43.4	20.2	60.6





#77

Bromobenzene

Concen: 4.931 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 19700

Ion Ratio Lower Upper

156 100

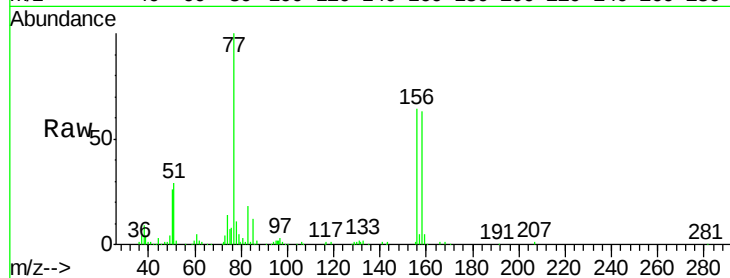
77 155.9 76.9 230.7

158 95.5 47.9 143.6

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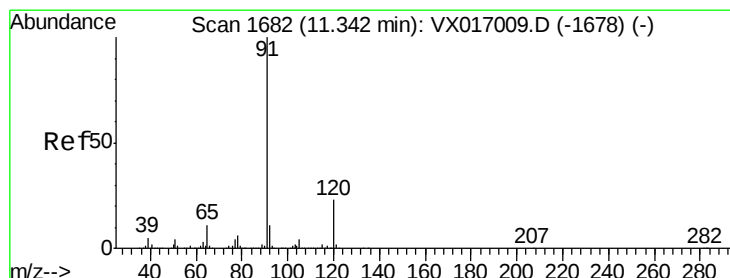
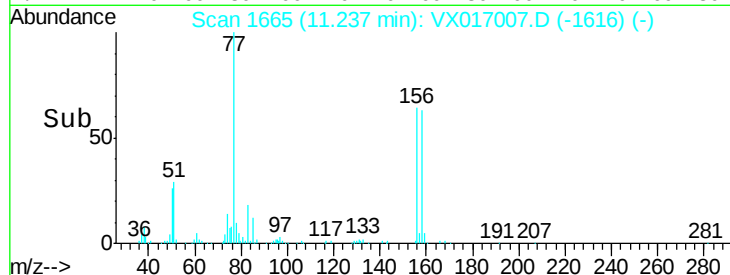
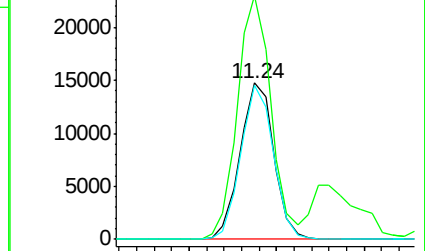
6/30/2020 10:12:44 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.712 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017007.D

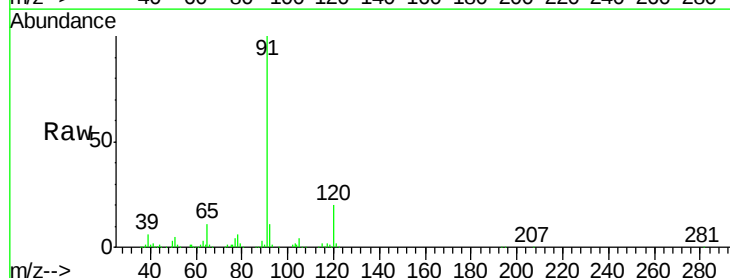
Acq: 29 Jun 2020 14:35

Tgt Ion: 91 Resp: 77459

Ion Ratio Lower Upper

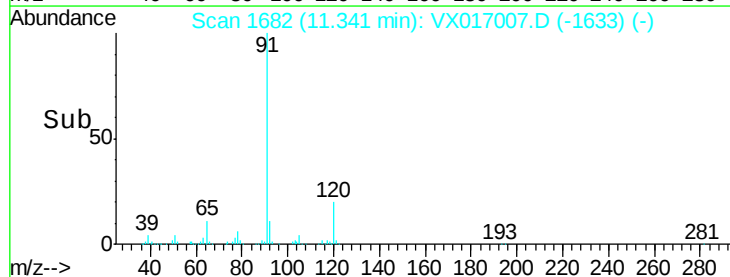
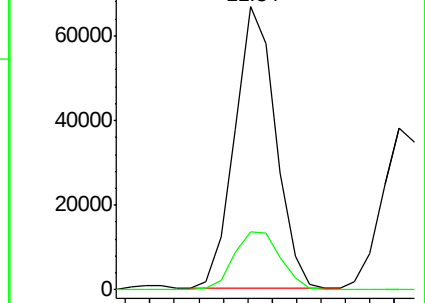
91 100

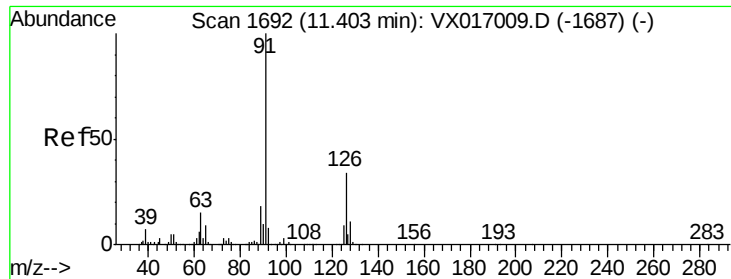
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





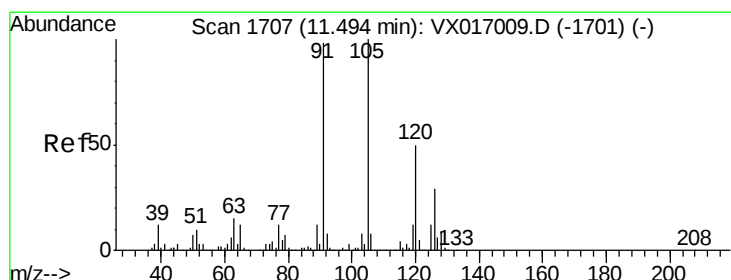
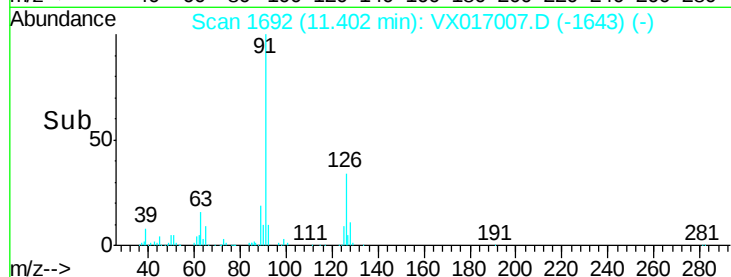
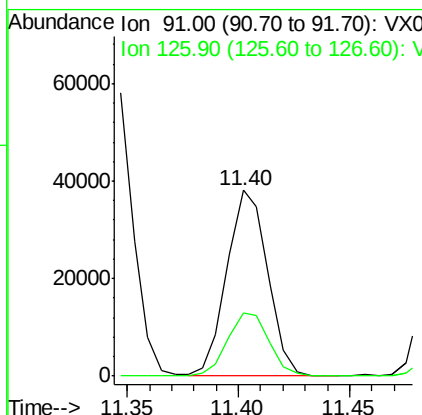
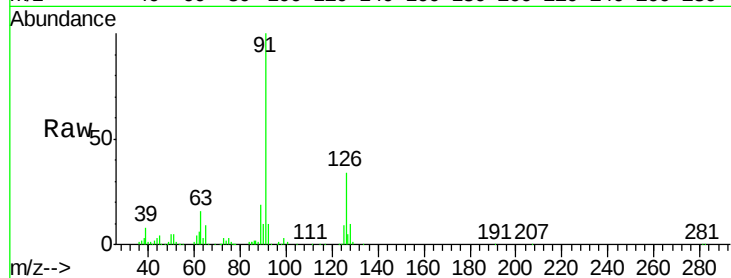
#79
2-Chlorotoluene
Concen: 4.843 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.4	52.3

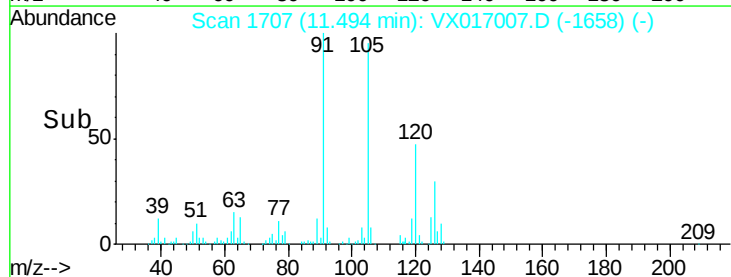
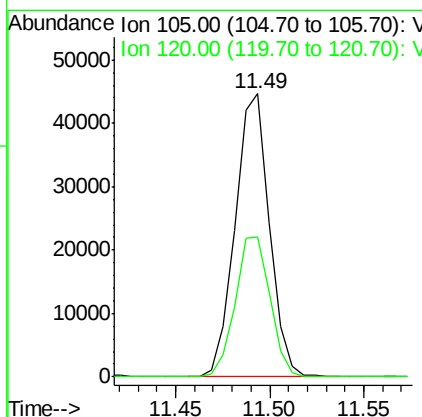
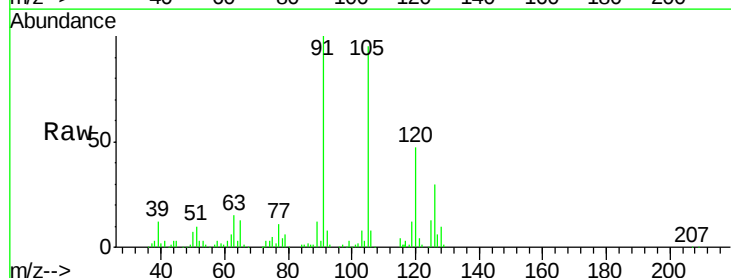
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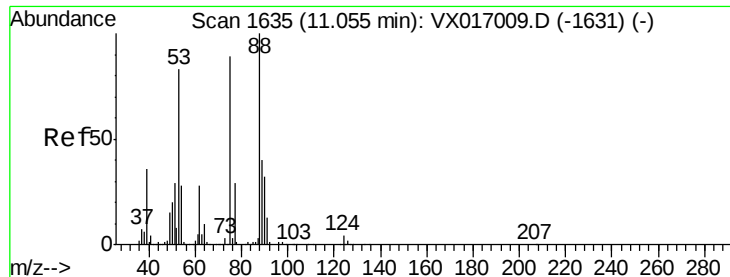
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6/30/2020 10:12:44 AM



#80
1,3,5-Trimethylbenzene
Concen: 4.655 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.9	74.6





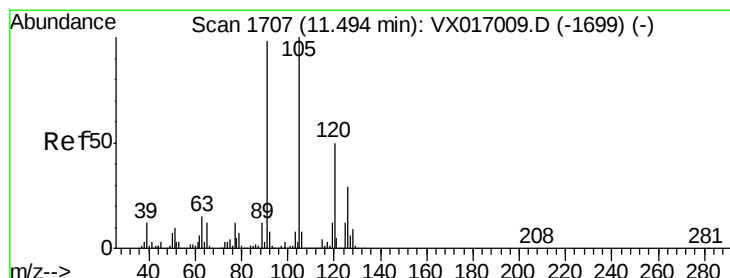
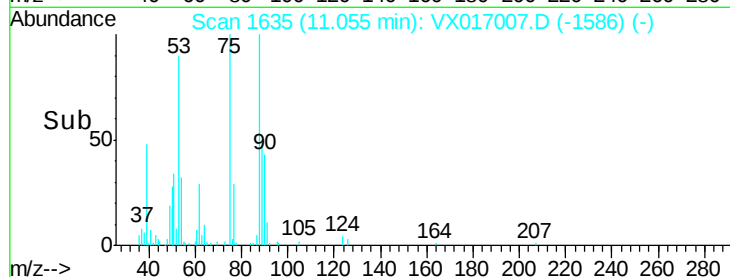
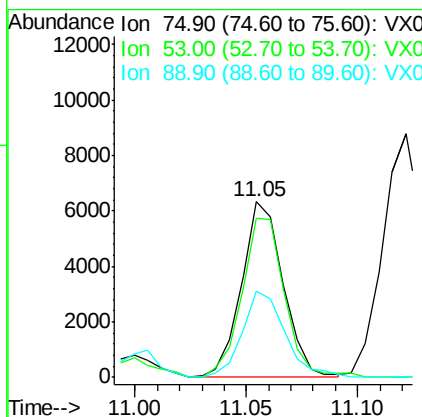
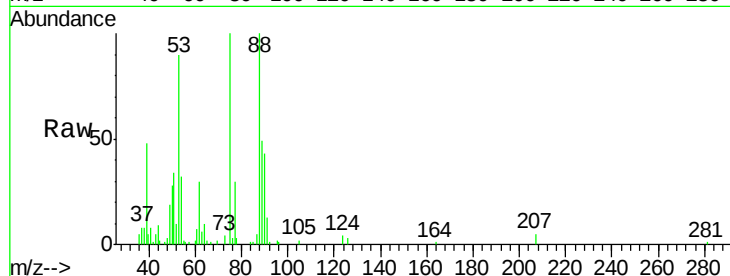
#81
trans-1,4-Dichloro-2-butene
Concen: 4.936 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	72.4	108.6
89	50.4	37.0	55.4

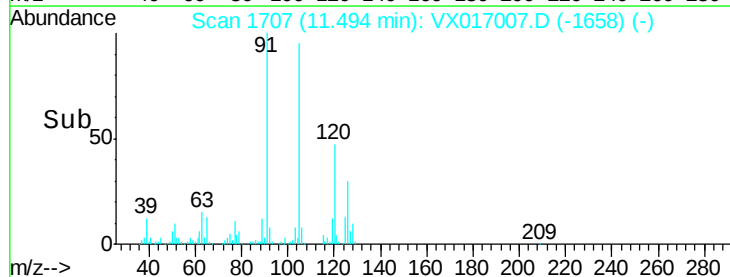
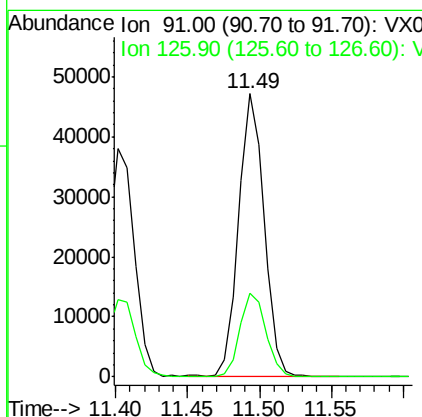
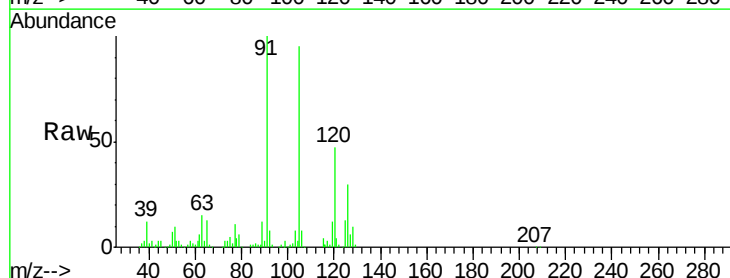
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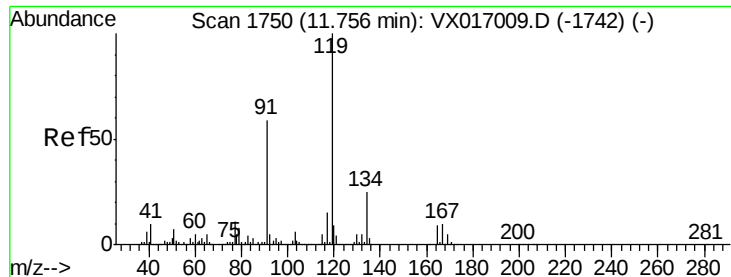
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#82
4-Chlorotoluene
Concen: 4.881 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.5





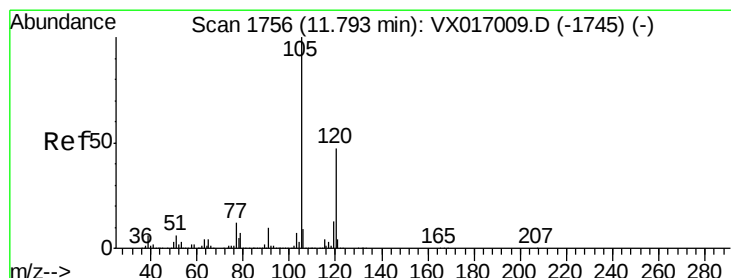
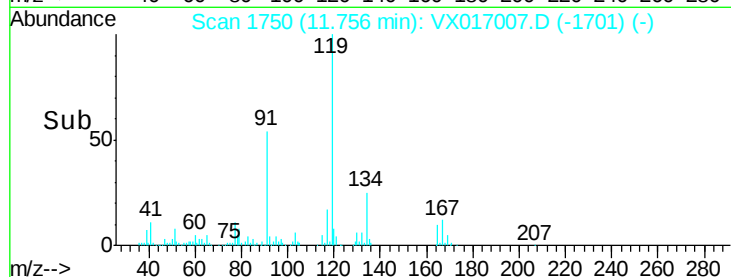
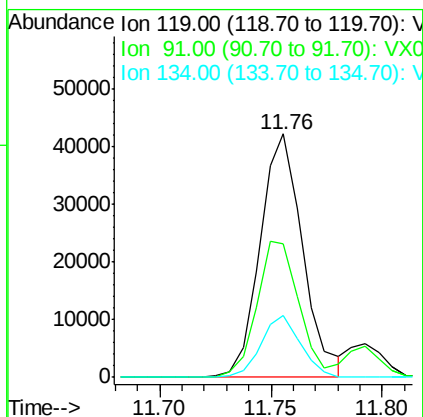
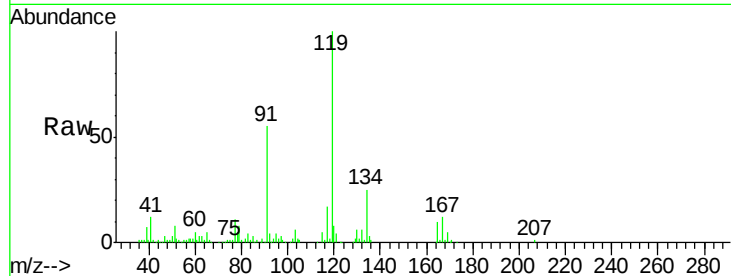
#83
tert-Butylbenzene
Concen: 4.727 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	28.3	84.9
134	23.7	11.7	35.1

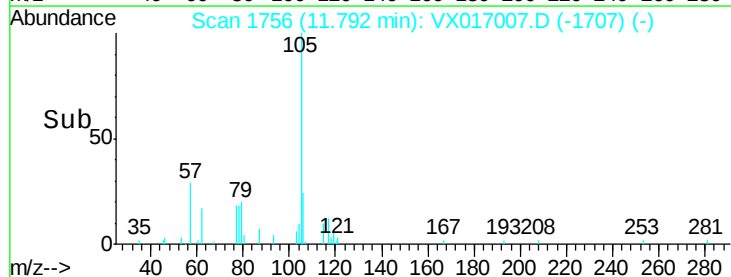
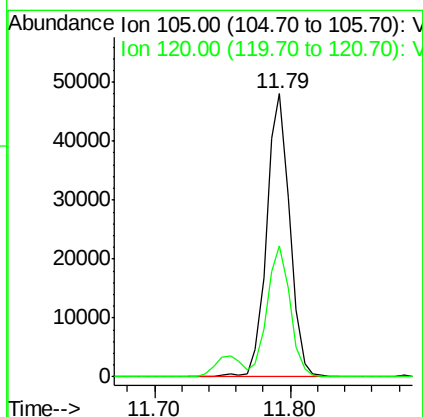
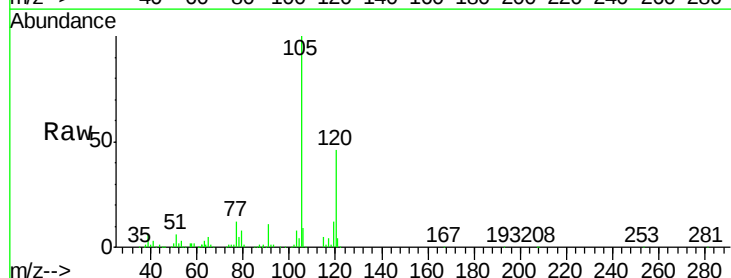
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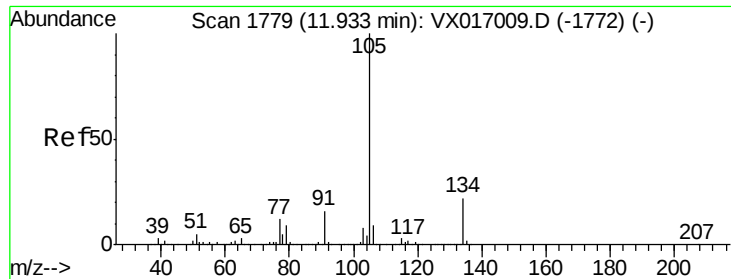
MMDadoda
6/30/2020 10:12:44 AM



#84
1,2,4-Trimethylbenzene
Concen: 4.697 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 4.725 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 65741

Ion Ratio Lower Upper

105 100

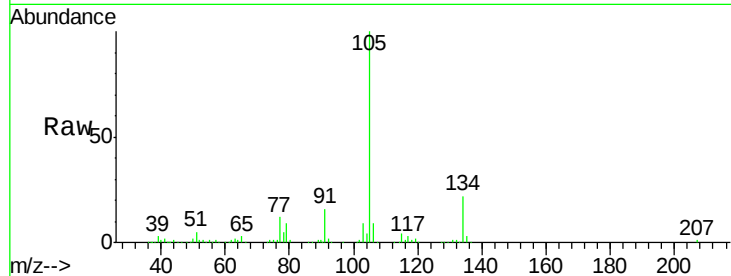
134 20.2 10.5 31.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

60000

50000

40000

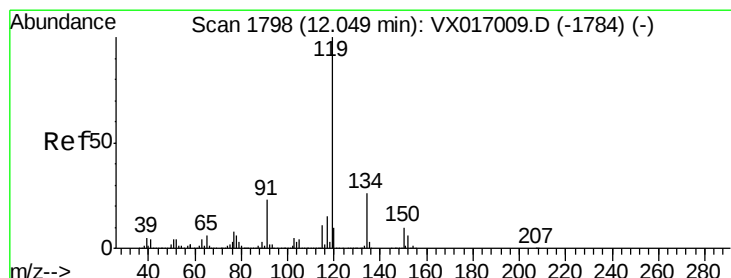
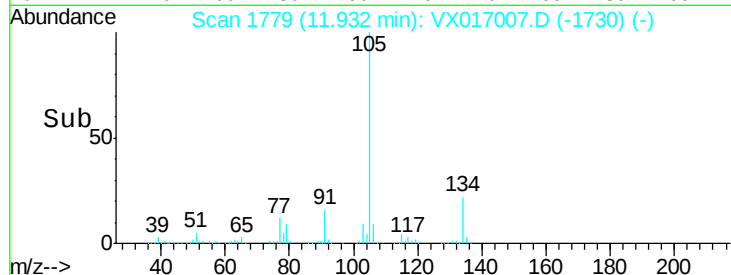
30000

20000

10000

0

Time-->



#86

p-Isopropyltoluene

Concen: 4.675 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

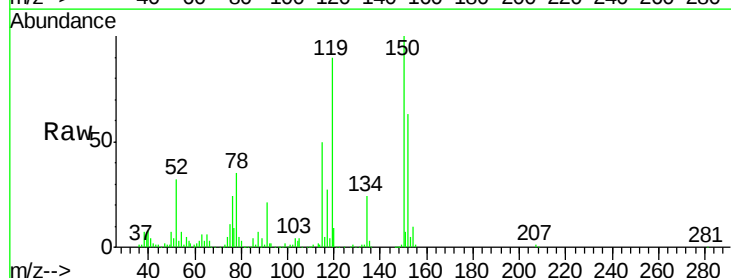
Tgt Ion:119 Resp: 60544

Ion Ratio Lower Upper

119 100

134 27.4 13.2 39.5

91 24.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

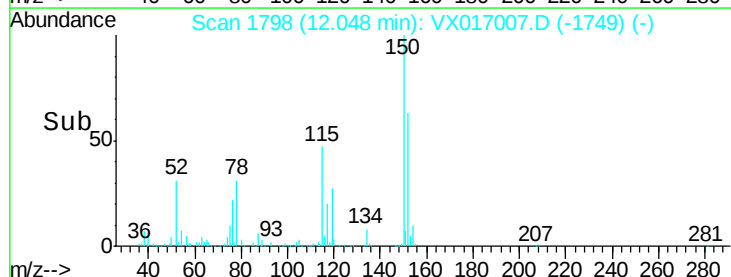
60000

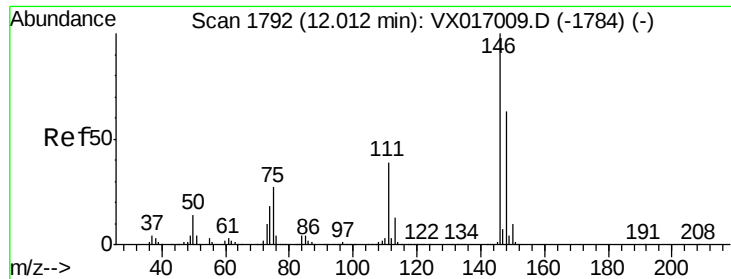
40000

20000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 4.981 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

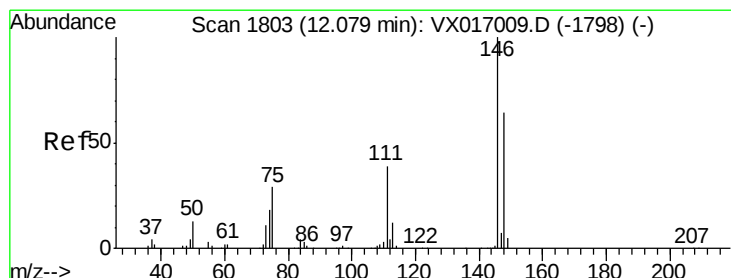
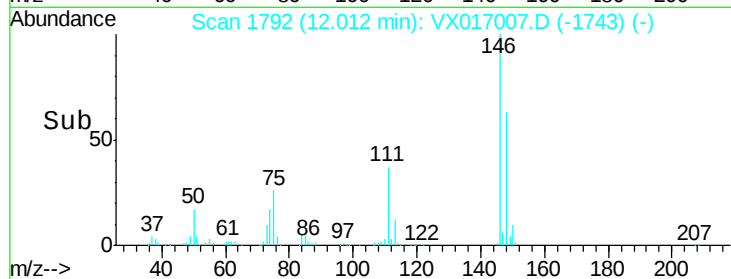
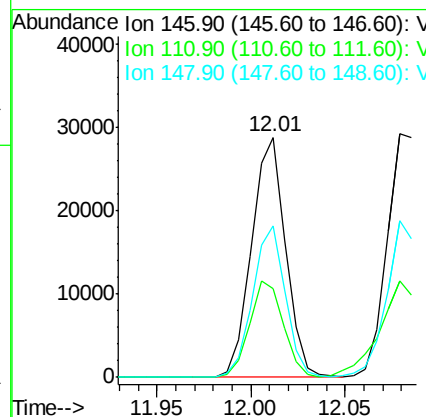
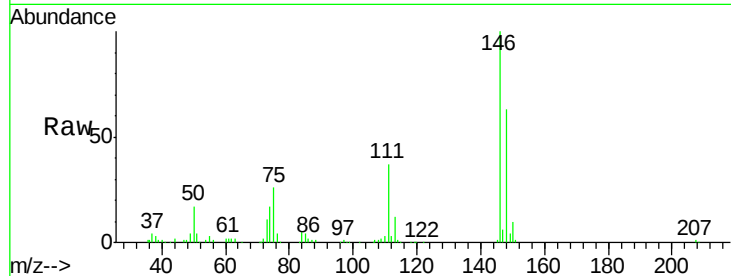
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	36137
Ion Ratio		Lower	Upper
146	100		
111	40.1	20.4	61.2
148	60.6	32.5	97.5

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#88

1,4-Dichlorobenzene

Concen: 5.043 ug/l

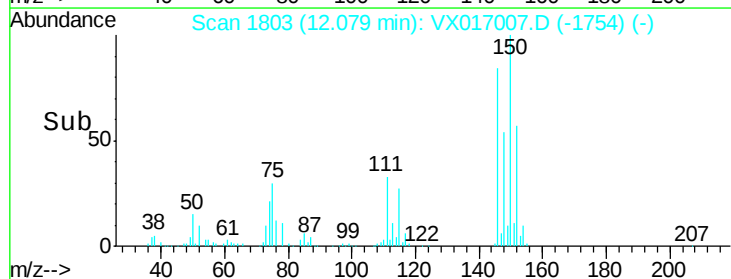
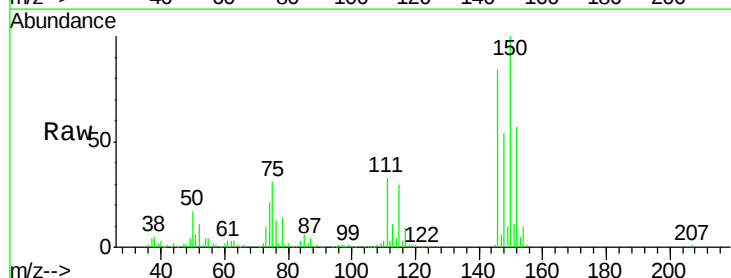
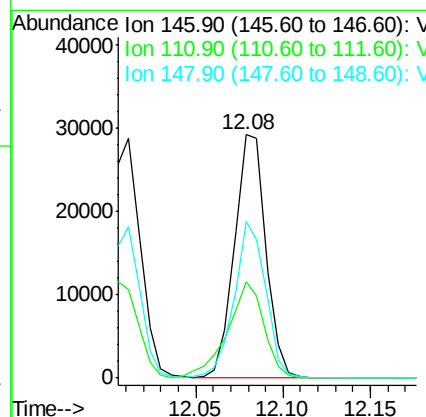
RT: 12.08 min Scan# 1803

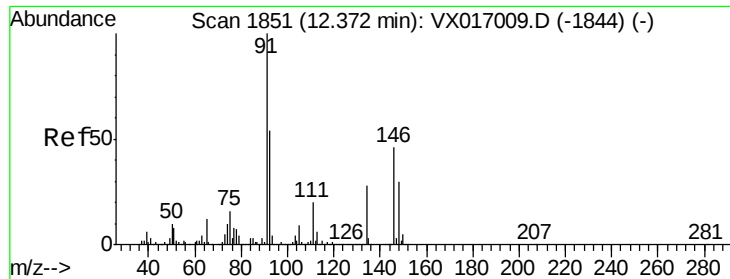
Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	146	Resp:	36801
Ion Ratio		Lower	Upper
146	100		
111	45.3	19.5	58.5
148	64.5	31.9	95.7





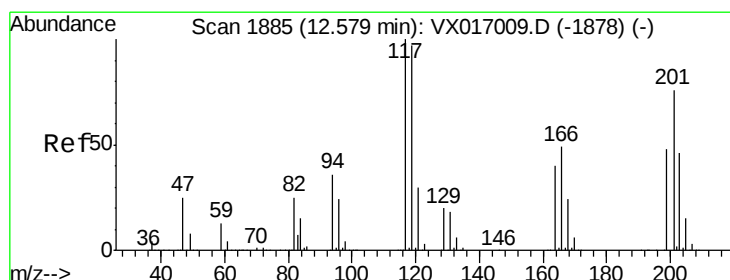
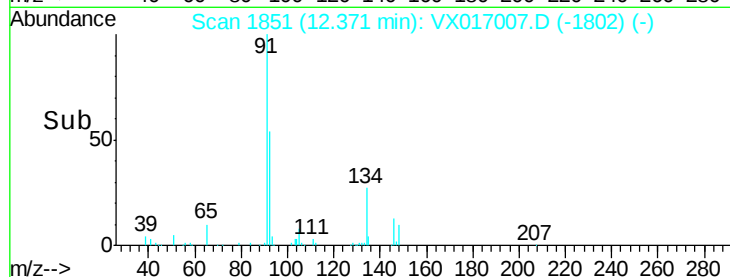
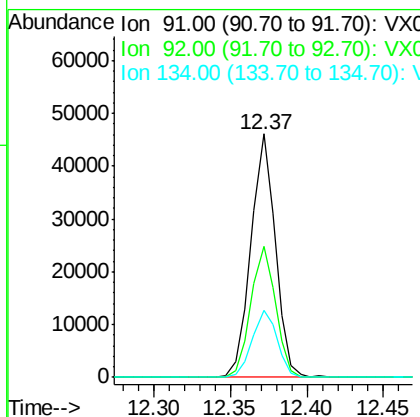
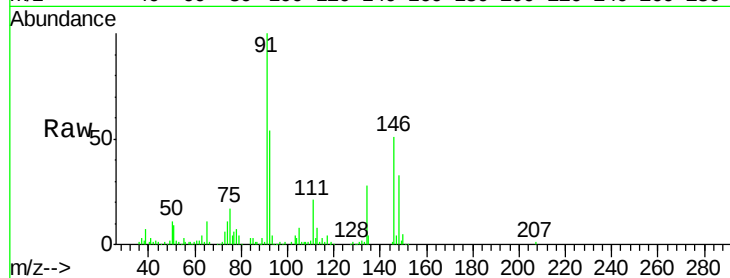
#89
n-Butylbenzene
Concen: 4.441 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	28.1	13.6	40.7

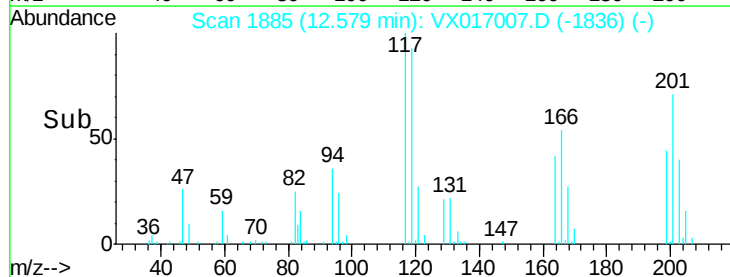
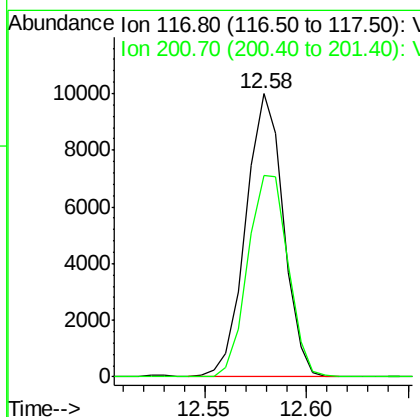
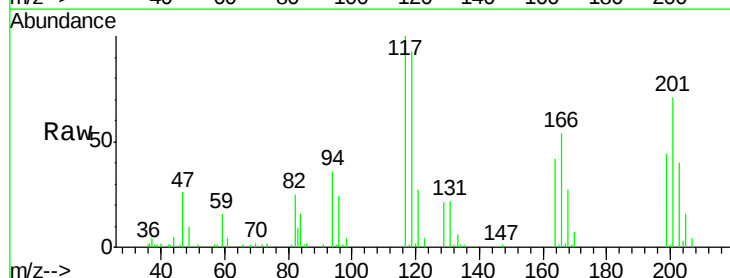
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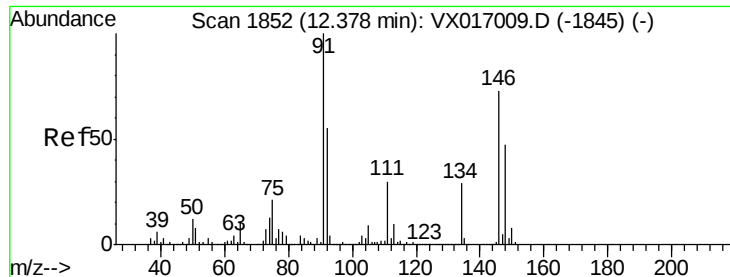
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#90
Hexachloroethane
Concen: 5.022 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017007.D
Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.1	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 4.911 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

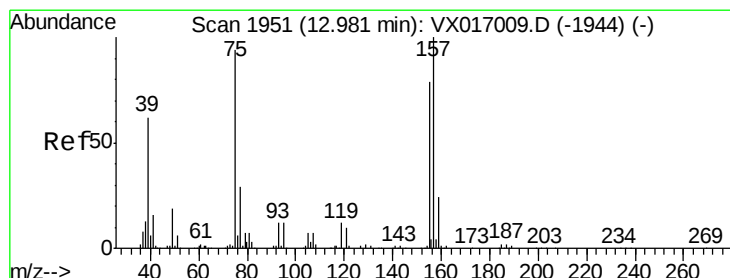
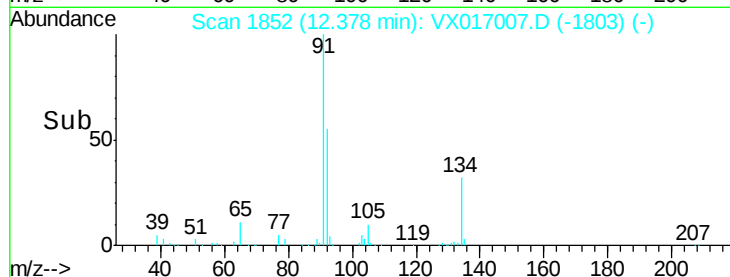
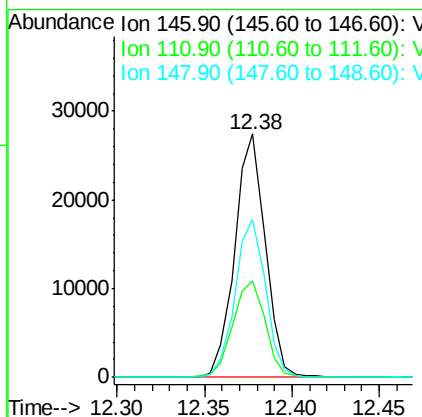
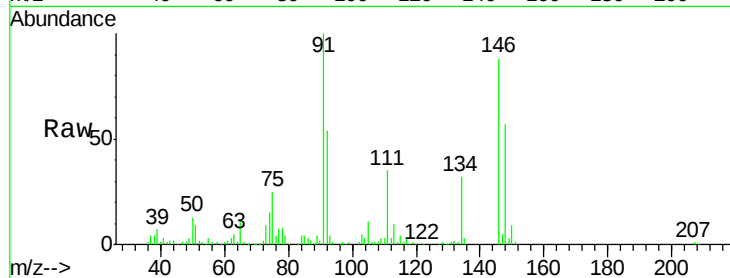
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	33306
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.6	61.9
148	64.8	32.4	97.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 4.613 ug/l

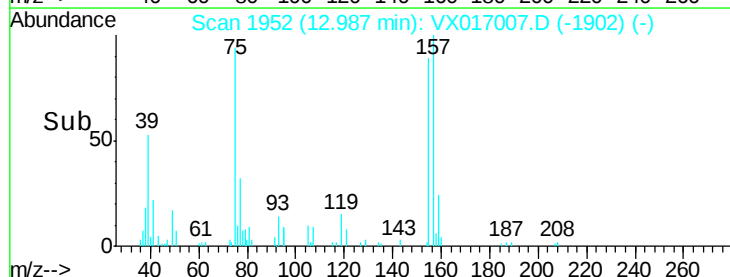
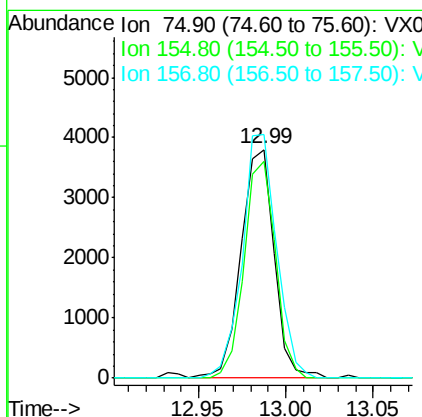
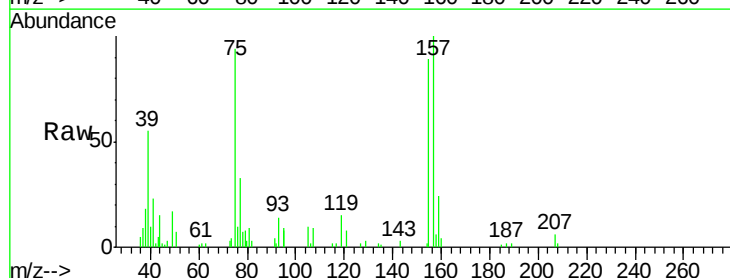
RT: 12.99 min Scan# 1952

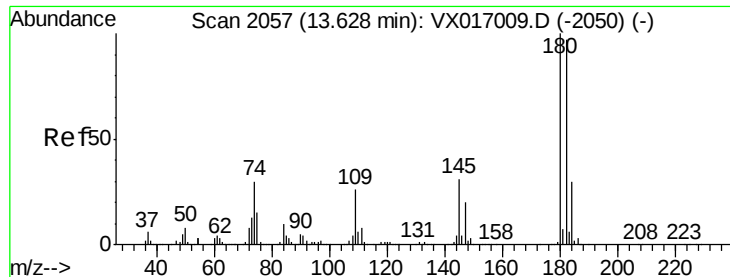
Delta R.T. 0.01 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	75	Resp:	5032
Ion Ratio	Lower	Upper	
75	100		
155	88.9	45.1	135.2
157	109.5	56.5	169.3





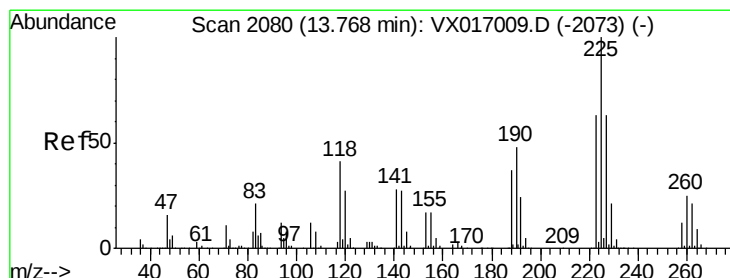
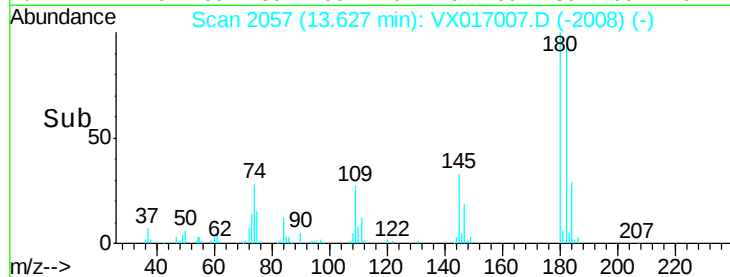
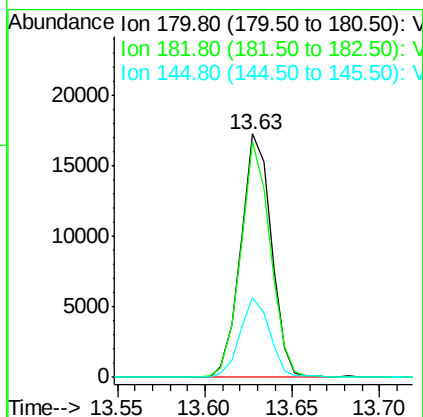
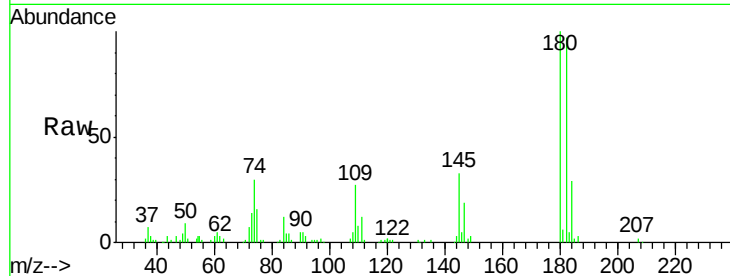
#93
 1,2,4-Trichlorobenzene
 Concen: 4.554 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	141.9
145	31.9	15.4	46.2

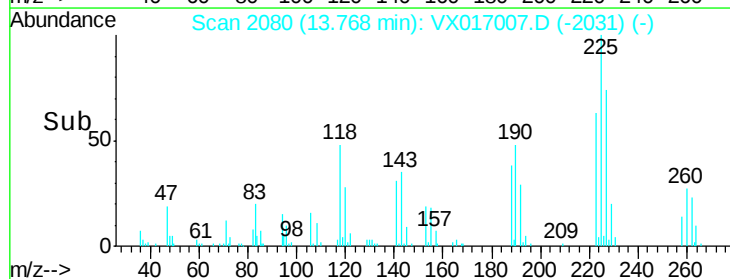
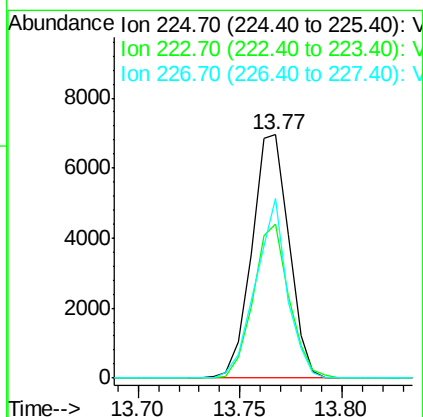
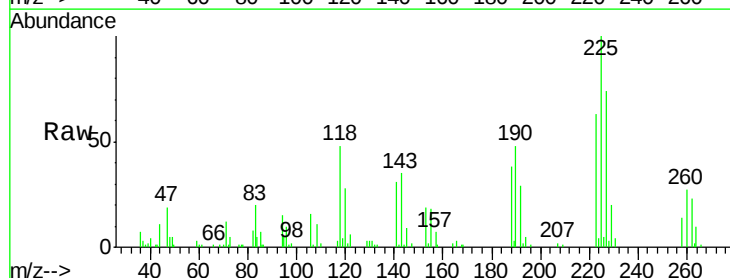
Manual Integrations
 APPROVED

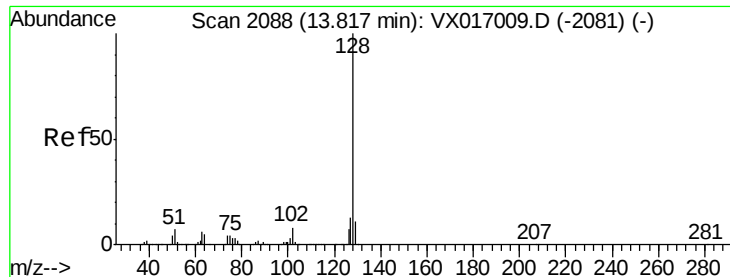
MMDadoda
 6/30/2020 10:12:44 AM



#94
 Hexachlorobutadiene
 Concen: 4.714 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017007.D
 Acq: 29 Jun 2020 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	32.5	97.5
227	62.6	33.1	99.2





#95

Naphthalene

Concen: 4.404 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Instrument :

MSVOA_X

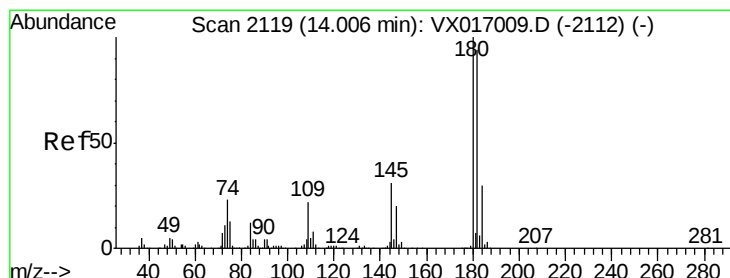
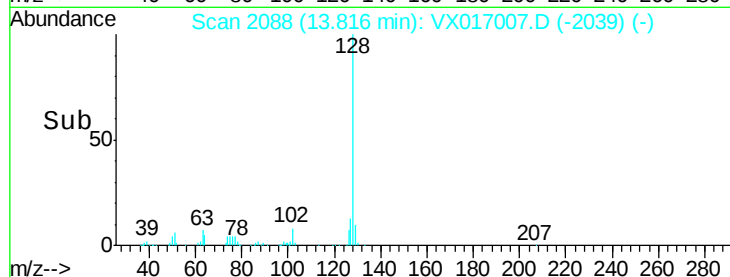
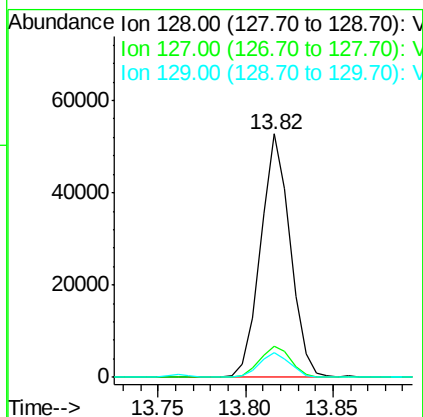
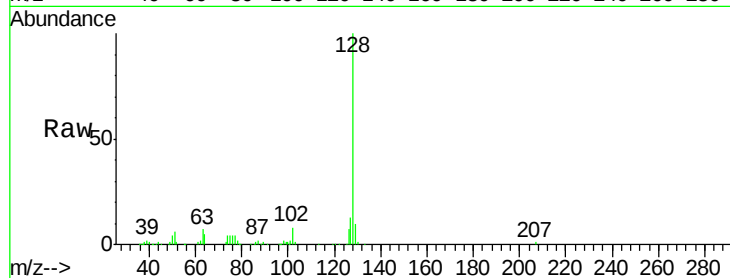
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	61984
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/30/2020 10:12:44 AM



#96

1,2,3-Trichlorobenzene

Concen: 4.546 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017007.D

Acq: 29 Jun 2020 14:35

Tgt Ion:	180	Resp:	20366
Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.1	141.4
145	35.8	16.6	49.7

