

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016666.D
 Acq On : 10 Jun 2020 11:59
 Operator : JC/SP
 Sample : VX0610WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:09 PM

Quant Time: Jun 11 03:24:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	234913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	339688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	317281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133457	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	5.46	113	108497	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	8.70	98	409736	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	153234	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	36678	15.866	ug/l	95
3) Chloromethane	1.31	50	42207	15.108	ug/l	98
4) Vinyl Chloride	1.39	62	45979	15.563	ug/l	97
5) Bromomethane	1.62	94	31510	21.935	ug/l	99
6) Chloroethane	1.71	64	28963	16.806	ug/l	98
7) Trichlorofluoromethane	1.92	101	73609	18.971	ug/l	99
8) Diethyl Ether	2.17	74	28017	17.317	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.36	101	39994	18.729	ug/l	98
10) Methyl Iodide	2.49	142	40212	17.854	ug/l	100
11) Tert butyl alcohol	3.01	59	59019	78.893	ug/l	99
12) 1,1-Dichloroethene	2.36	96	40197	17.783	ug/l	93
13) Acrolein	2.27	56	24616	77.353	ug/l	99
14) Allyl chloride	2.70	41	63568	15.292	ug/l	96
15) Acrylonitrile	3.11	53	122512	79.947	ug/l	99
16) Acetone	2.42	43	100103	78.319	ug/l	100
17) Carbon Disulfide	2.55	76	101866	15.176	ug/l	100
18) Methyl Acetate	2.75	43	56029	17.091	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	143215	17.644	ug/l	97
20) Methylene Chloride	2.83	84	45369	17.157	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	42752	17.099	ug/l	92
22) Diisopropyl ether	3.82	45	127353	15.948	ug/l	89
23) Vinyl Acetate	3.78	43	543373	77.737	ug/l	96
24) 1,1-Dichloroethane	3.67	63	75989	16.859	ug/l	99
25) 2-Butanone	4.63	43	163923	75.688	ug/l	95
26) 2,2-Dichloropropane	4.55	77	74002	20.065	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	49350	17.062	ug/l	97
28) Bromochloromethane	4.98	49	31126	14.861	ug/l	86
29) Tetrahydrofuran	5.09	42	105045	75.076	ug/l	93
30) Chloroform	5.17	83	82031	18.063	ug/l	96
31) Cyclohexane	5.54	56	61274	15.111	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	76980	18.723	ug/l	98
36) 1,1-Dichloropropene	5.77	75	57305	17.818	ug/l	96
37) Ethyl Acetate	4.79	43	62619	16.217	ug/l	96
38) Carbon Tetrachloride	5.75	117	68882	20.380	ug/l	99

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	62726	17.956	ug/l	99
40) Benzene	6.11	78	174810	18.252	ug/l	99
41) Methacrylonitrile	5.00	41	32938	15.530	ug/l	94
42) 1,2-Dichloroethane	6.16	62	64564	18.956	ug/l	99
43) Isopropyl Acetate	6.41	43	98030	16.276	ug/l	97
44) Trichloroethene	7.19	130	58491	19.248	ug/l	97
45) 1,2-Dichloropropane	7.49	63	43487	17.835	ug/l	94
46) Dibromomethane	7.63	93	31561	19.271	ug/l	97
47) Bromodichloromethane	7.87	83	66032	19.473	ug/l	97
48) Methyl methacrylate	7.74	41	46378	16.082	ug/l	96
49) 1,4-Dioxane	7.71	88	23766	352.150	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	314468	83.852	ug/l	97
52) Toluene	8.76	92	114580	18.971	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	72216	18.729	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	77514	18.992	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	46448	19.342	ug/l	98
56) Ethyl methacrylate	9.16	69	67696	17.309	ug/l	98
57) 1,3-Dichloropropane	9.35	76	76824	18.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	169182	82.878	ug/l	94
59) 2-Hexanone	9.47	43	240131	82.338	ug/l	98
60) Dibromochloromethane	9.56	129	53643	19.850	ug/l	99
61) 1,2-Dibromoethane	9.65	107	49663	19.313	ug/l	100
64) Tetrachloroethene	9.32	164	70632	19.898	ug/l	96
65) Chlorobenzene	10.12	112	123725	19.127	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	48798	19.763	ug/l	98
67) Ethyl Benzene	10.23	91	209549	18.195	ug/l	98
68) m/p-Xylenes	10.34	106	162372	38.026	ug/l	99
69) o-Xylene	10.68	106	77354	18.706	ug/l	98
70) Styrene	10.70	104	133002	18.711	ug/l	100
71) Bromoform	10.84	173	41421	19.849	ug/l #	98
73) Isopropylbenzene	11.00	105	209651	18.892	ug/l	99
74) N-amyl acetate	10.88	43	79828	15.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	50388	18.117	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	65225m	18.527	ug/l	
77) Bromobenzene	11.24	156	55967	19.228	ug/l	93
78) n-propylbenzene	11.34	91	227150	18.321	ug/l	98
79) 2-Chlorotoluene	11.40	91	141302	18.671	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	176722	19.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25208	17.613	ug/l	98
82) 4-Chlorotoluene	11.49	91	167060	18.693	ug/l	98
83) tert-Butylbenzene	11.76	119	147938	18.685	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	175002	18.674	ug/l	100
85) sec-Butylbenzene	11.93	105	189959	19.125	ug/l	99
86) p-Isopropyltoluene	12.05	119	178560	19.192	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	95899	19.017	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	97332	18.872	ug/l	97
89) n-Butylbenzene	12.37	91	145364	18.757	ug/l	99
90) Hexachloroethane	12.58	117	31481	19.589	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	92895	19.014	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15732	17.463	ug/l	98

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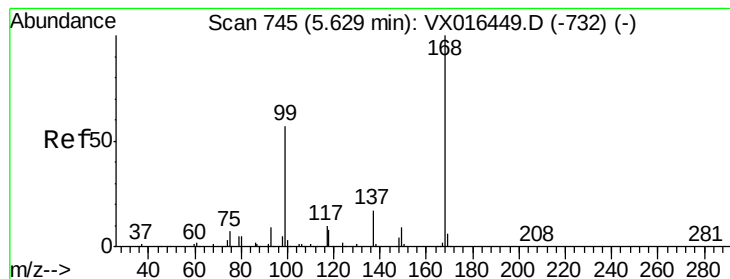
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	64908	20.004	ug/l	97
94) Hexachlorobutadiene	13.77	225	31463	24.697	ug/l	96
95) Naphthalene	13.82	128	204596	18.393	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	64431	20.269	ug/l	97

(#) = 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. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion:168 Resp: 234913

Ion Ratio Lower Upper

168 100

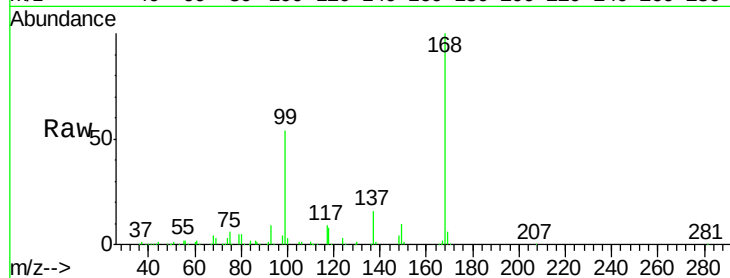
99 54.0 45.2 67.8

Manual Integrations

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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

80000

60000

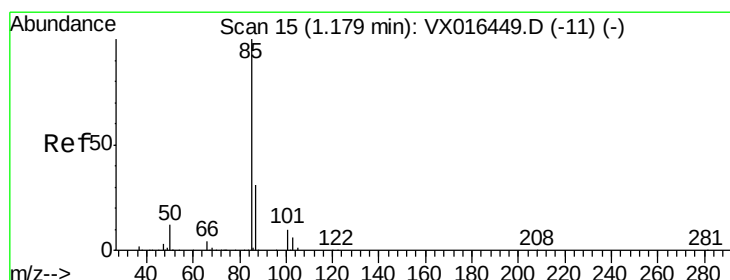
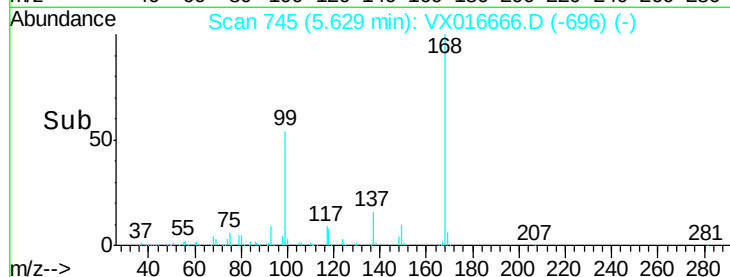
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.866 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016666.D

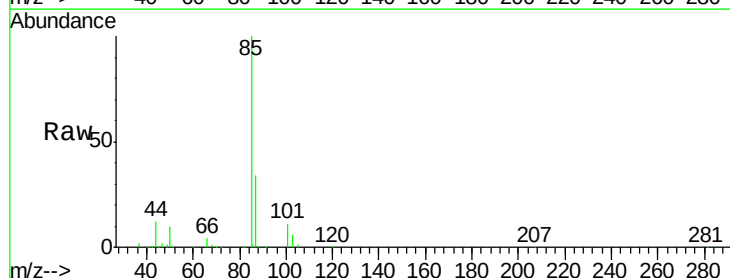
Acq: 10 Jun 2020 11:59

Tgt Ion: 85 Resp: 36678

Ion Ratio Lower Upper

85 100

87 33.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

40000

30000

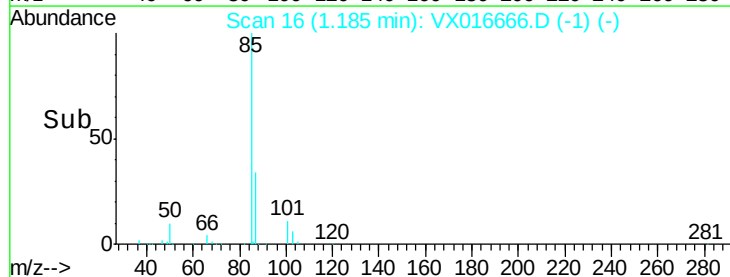
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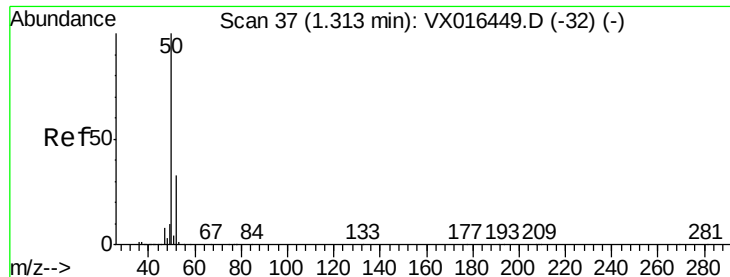
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 15.108 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 50 Resp: 42207

Ion Ratio Lower Upper

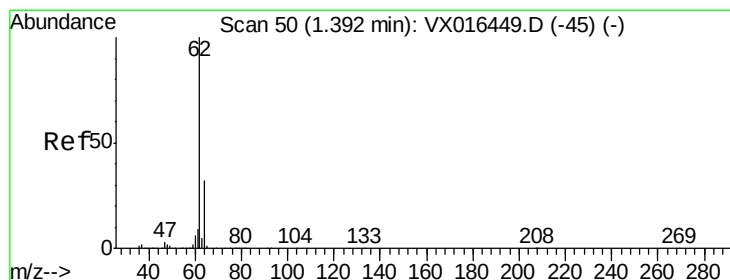
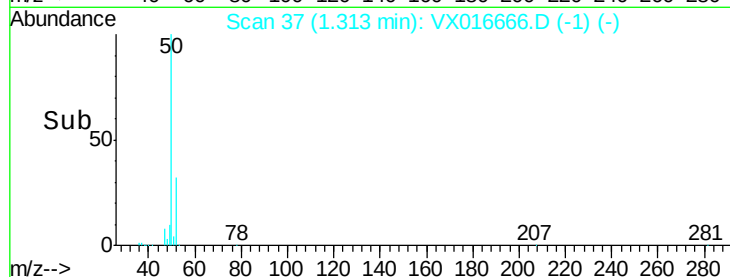
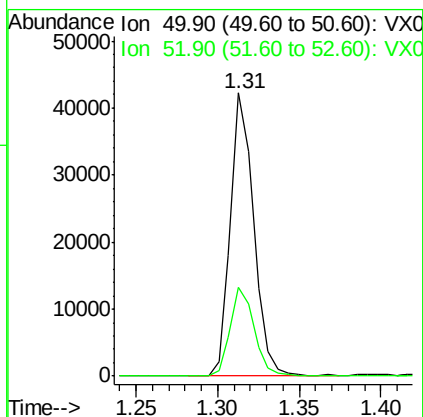
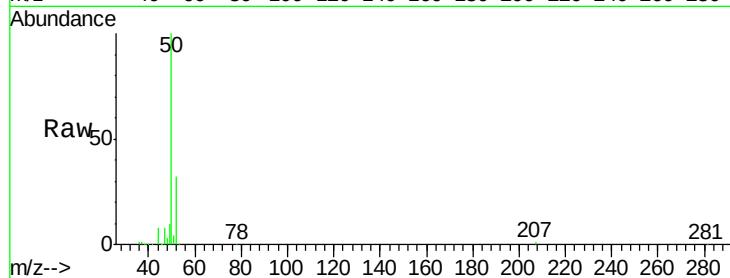
50 100

52 31.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 15.563 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016666.D

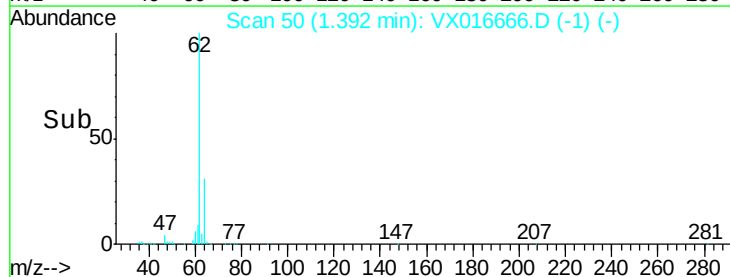
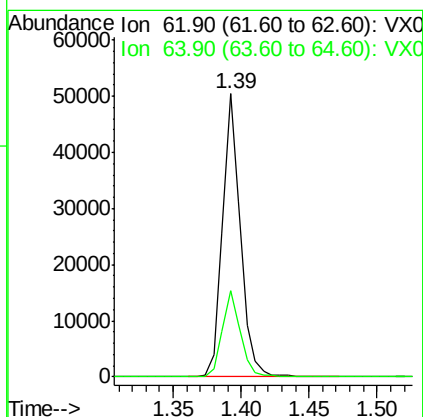
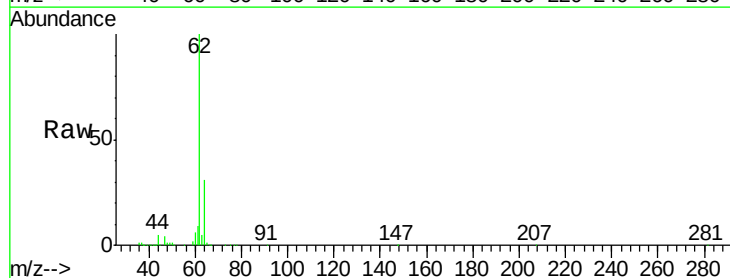
Acq: 10 Jun 2020 11:59

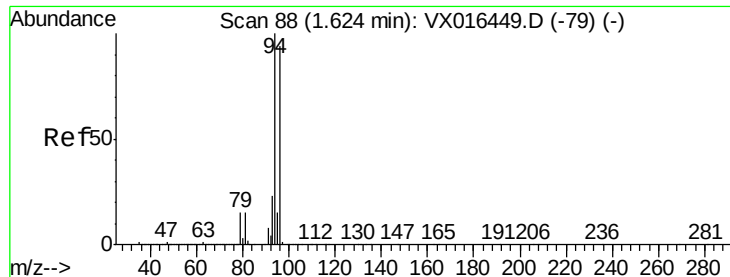
Tgt Ion: 62 Resp: 45979

Ion Ratio Lower Upper

62 100

64 30.6 25.9 38.9





#5

Bromomethane

Concen: 21.935 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 94 Resp: 31510

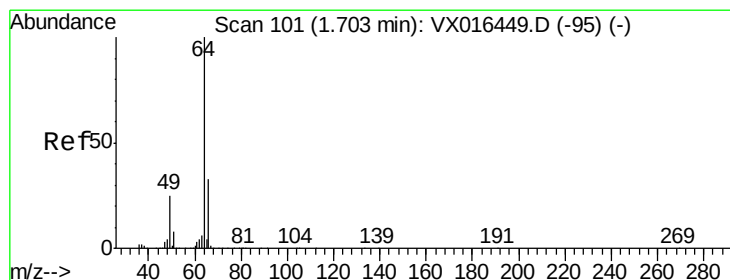
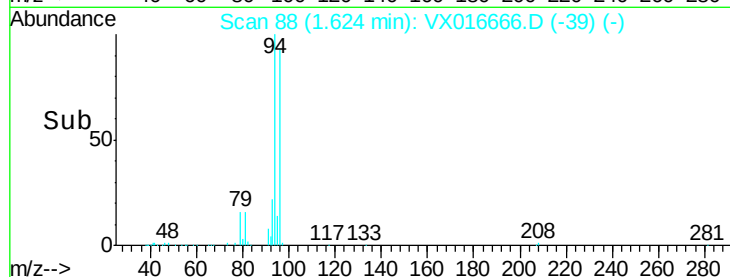
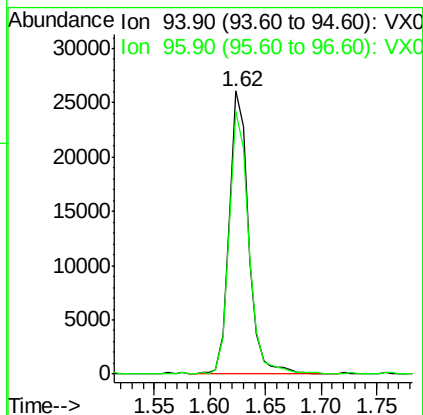
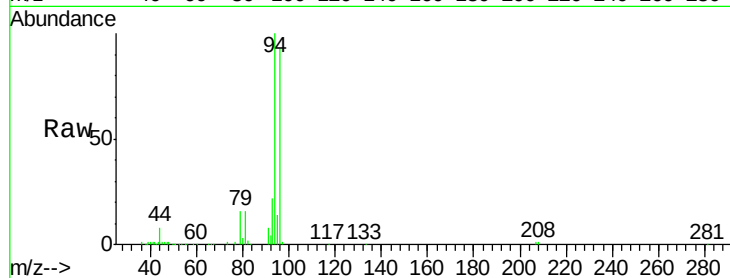
Ion Ratio Lower Upper

94 100

96 92.7 75.1 112.7

Manual Integrations
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#6

Chloroethane

Concen: 16.806 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016666.D

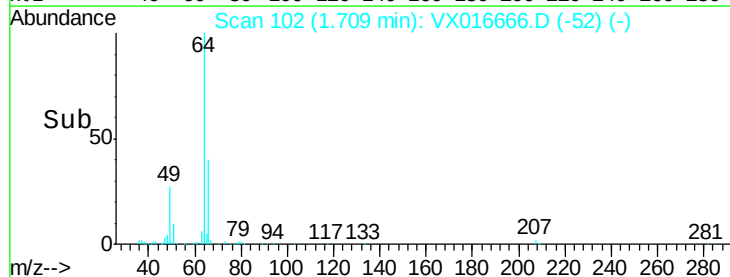
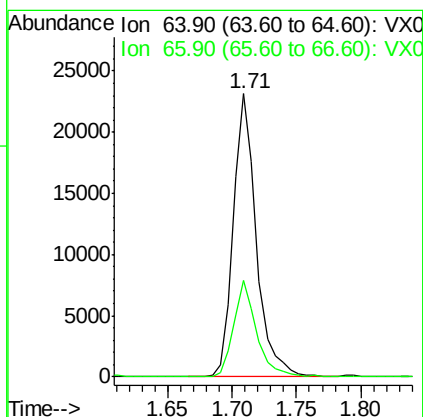
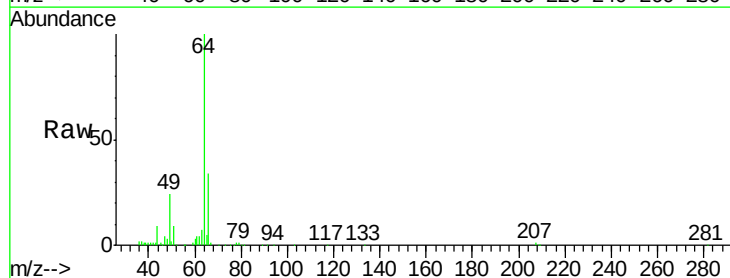
Acq: 10 Jun 2020 11:59

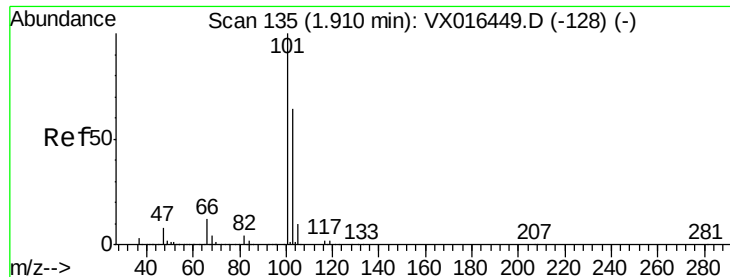
Tgt Ion: 64 Resp: 28963

Ion Ratio Lower Upper

64 100

66 34.3 26.7 40.1





#7

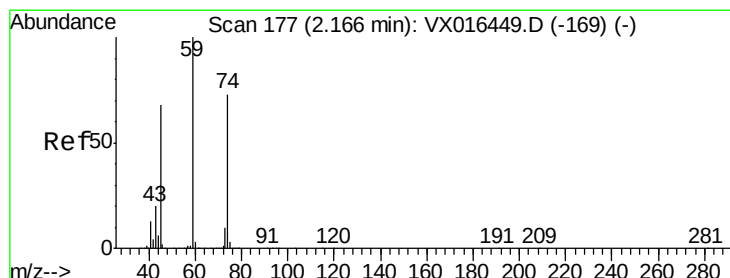
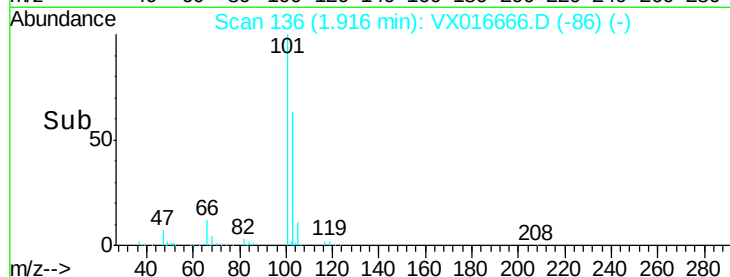
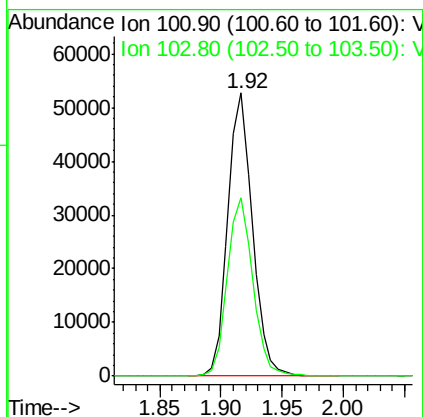
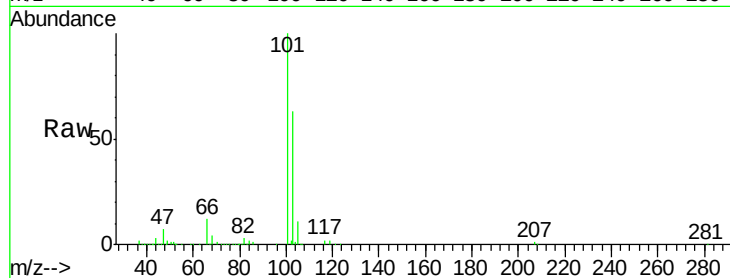
Trichlorofluoromethane
Concen: 18.971 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
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ClientSampleId :
VX0610WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		73609		
103	63.1	50.9	76.3		

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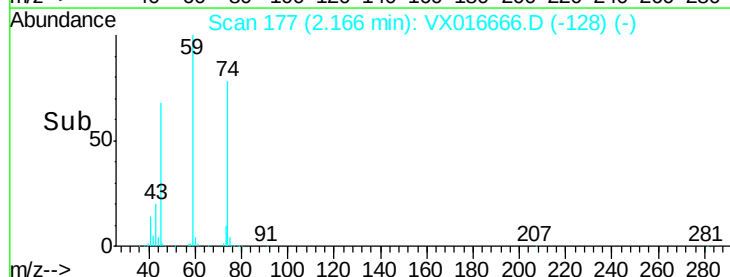
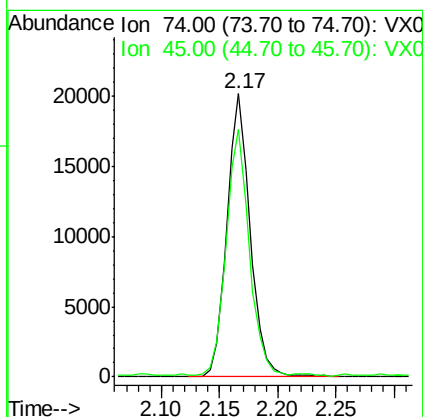
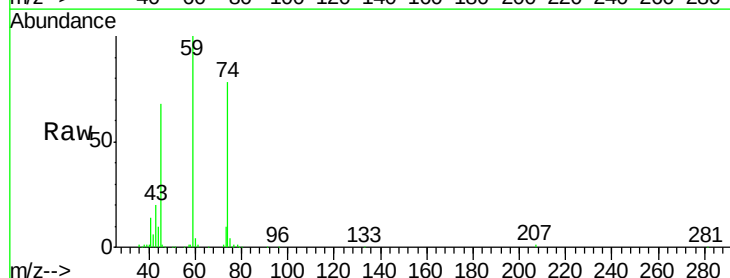
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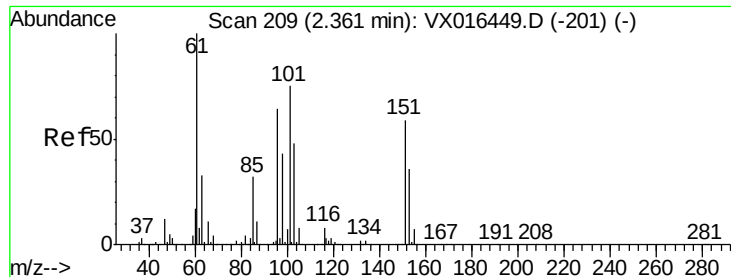


#8

Diethyl Ether
Concen: 17.317 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		28017		
45	85.0	47.5	142.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.729 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

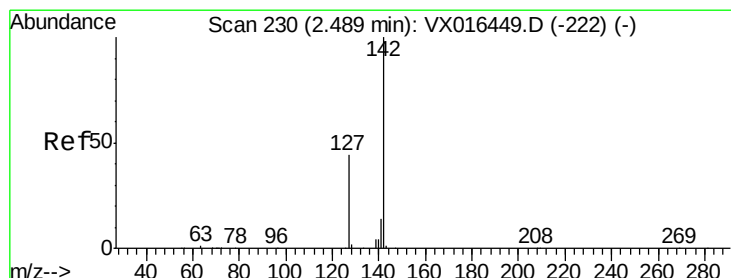
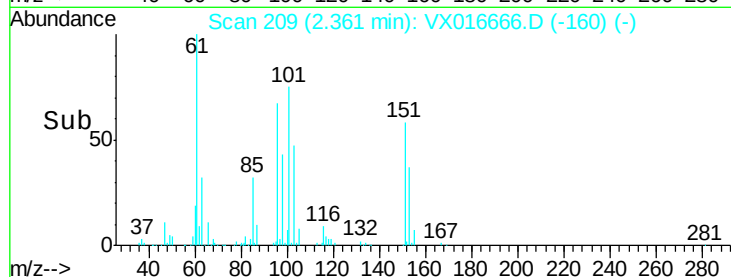
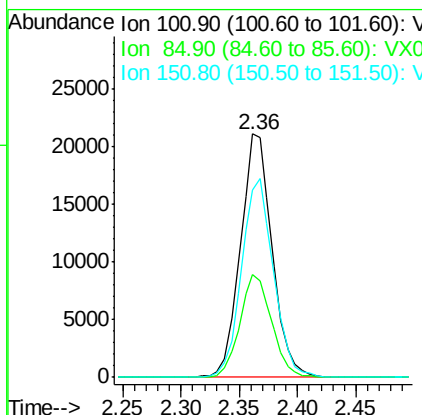
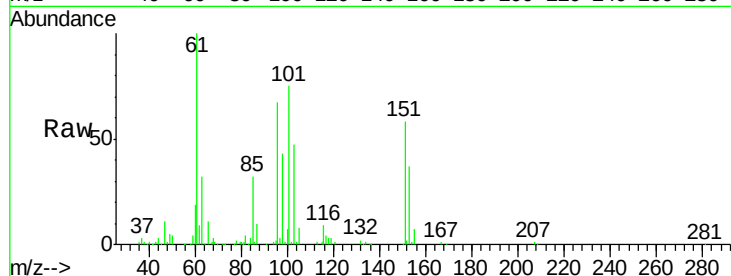
ClientSampled :

VX0610WBS01

Tot Ion:	101	Resp:	39994
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	82.3	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.854 ug/l

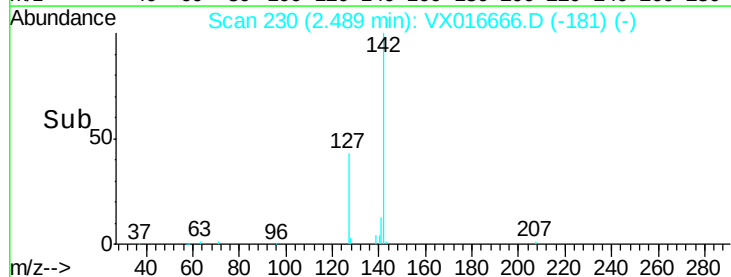
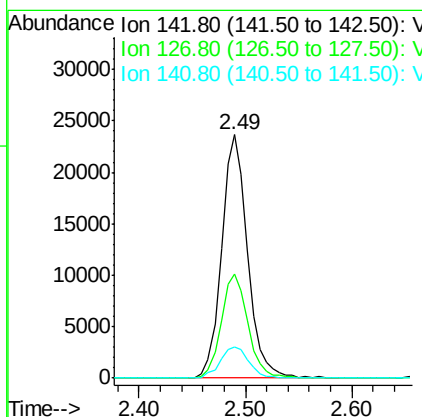
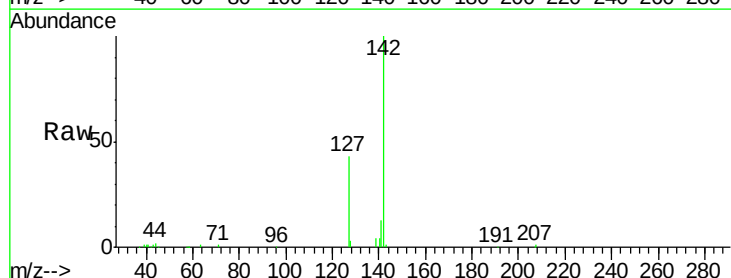
RT: 2.49 min Scan# 230

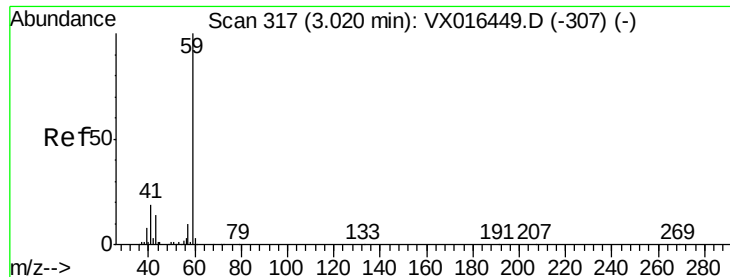
Delta R.T. 0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion:	142	Resp:	40212
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.3	52.9
141	14.1	11.4	17.2





#11

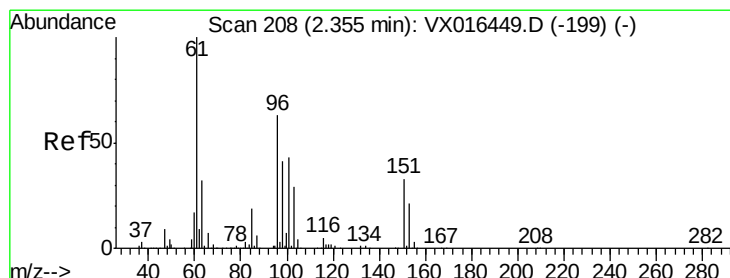
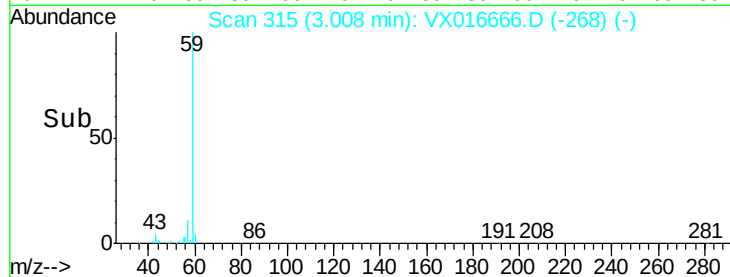
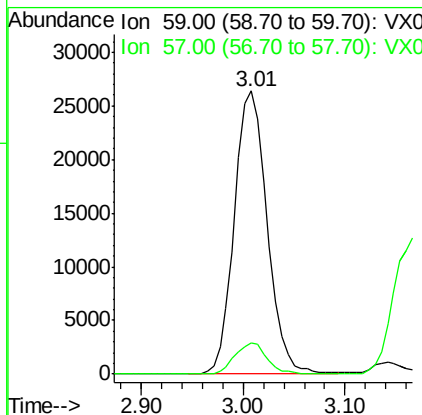
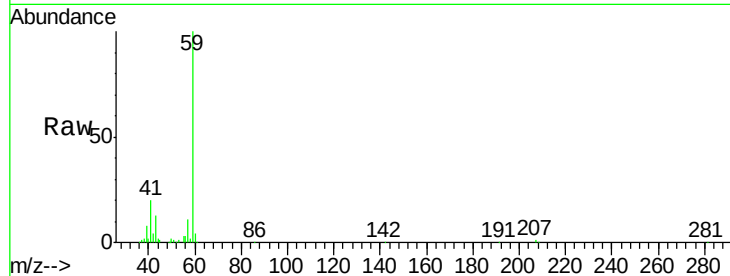
Tert butyl alcohol
 Concen: 78.893 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

Manual Integrations
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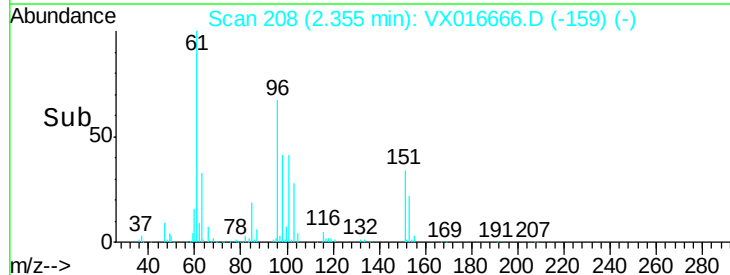
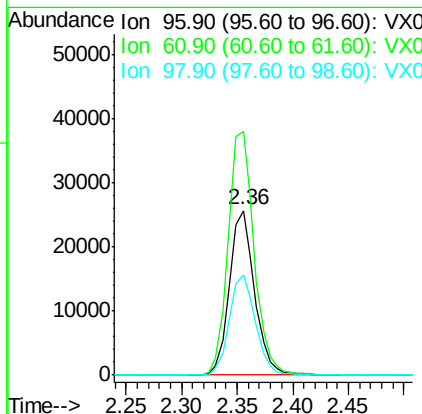
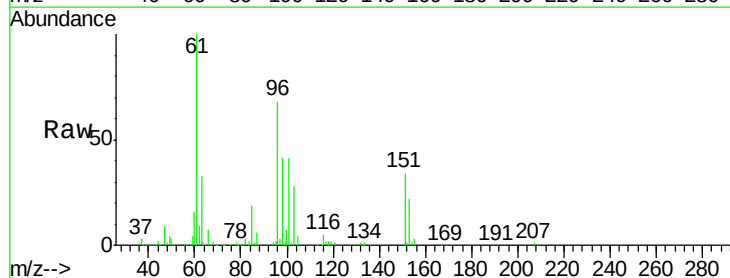
MMDadoda
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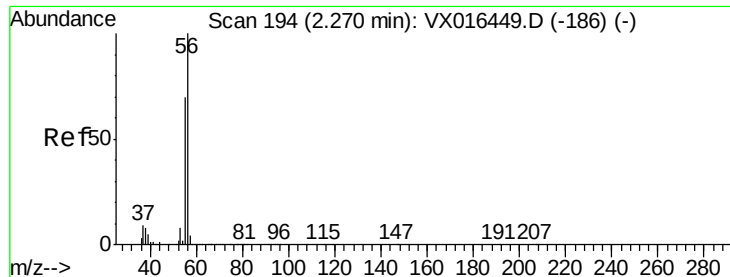


#12

1,1-Dichloroethene
 Concen: 17.783 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	126.6	189.8
98	61.1	51.3	76.9





#13

Acrolein

Concen: 77.353 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 56 Resp: 24616

Ion Ratio Lower Upper

56 100

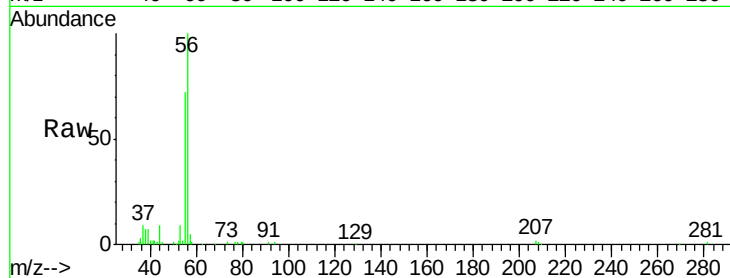
55 72.1 58.3 87.5

Manual Integrations

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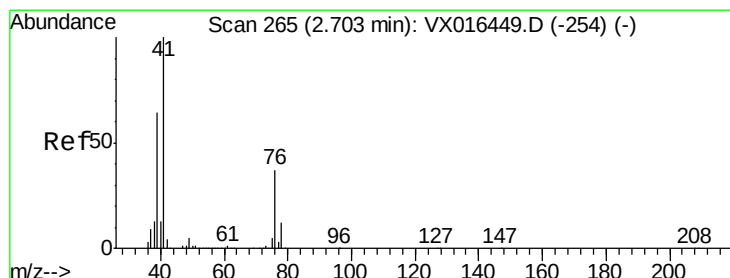
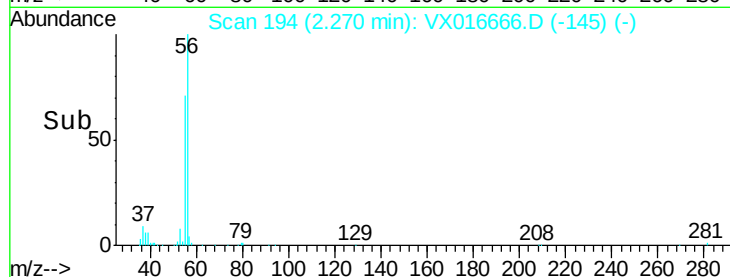
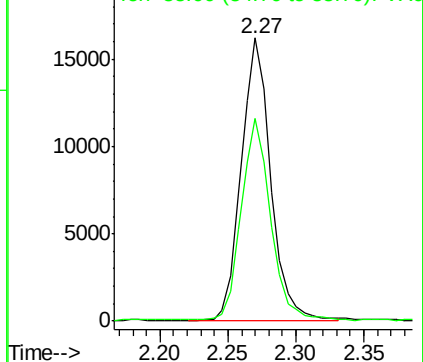
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 15.292 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

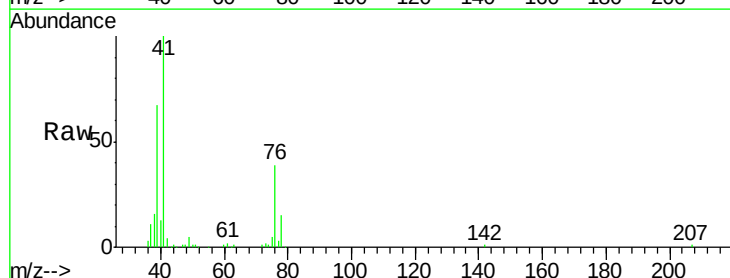
Tgt Ion: 41 Resp: 63568

Ion Ratio Lower Upper

41 100

39 61.7 47.7 71.5

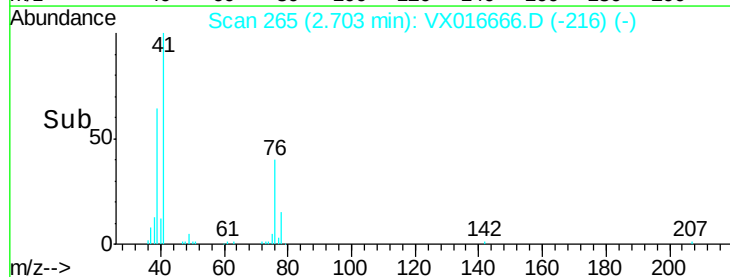
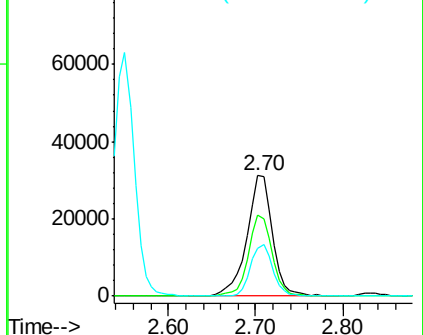
76 37.2 26.6 40.0

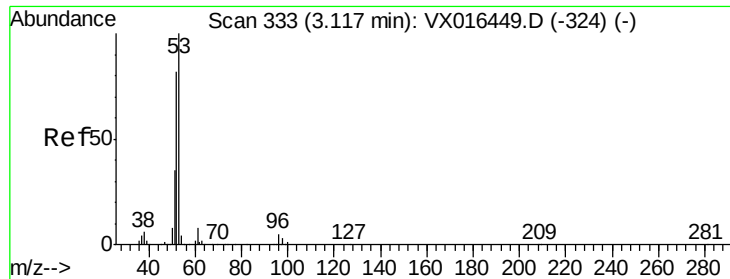


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





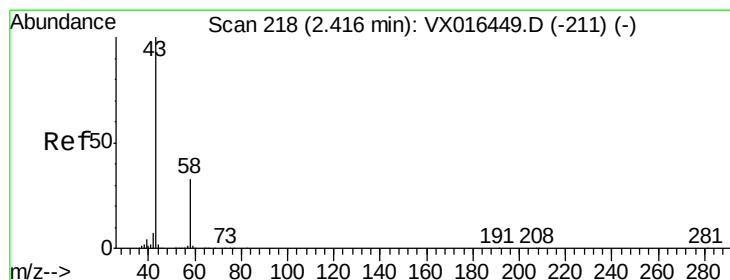
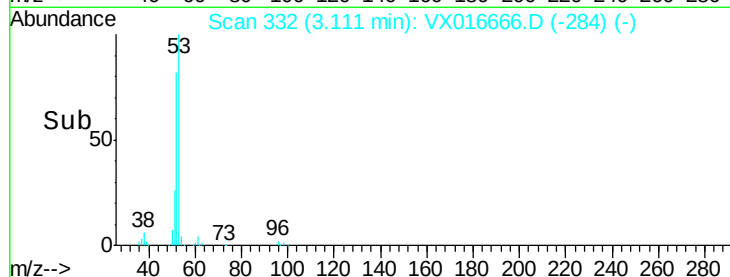
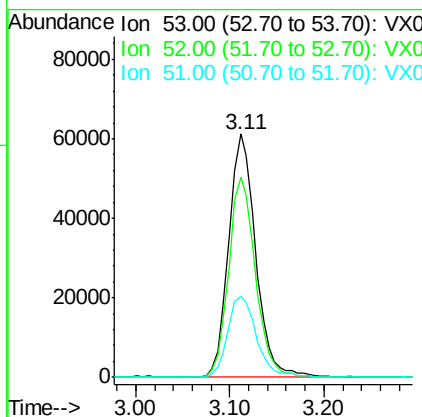
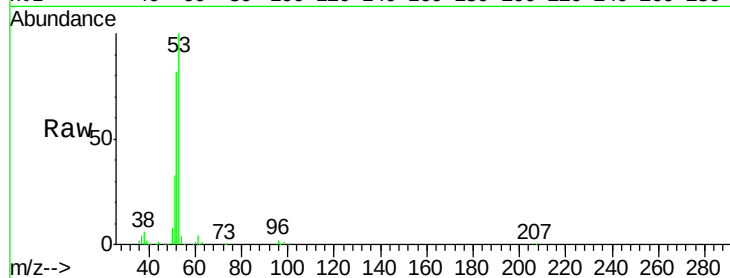
#15
 Acrylonitrile
 Concen: 79.947 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion:	53	Resp:	122512
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.7	100.1
51	35.7	28.6	43.0

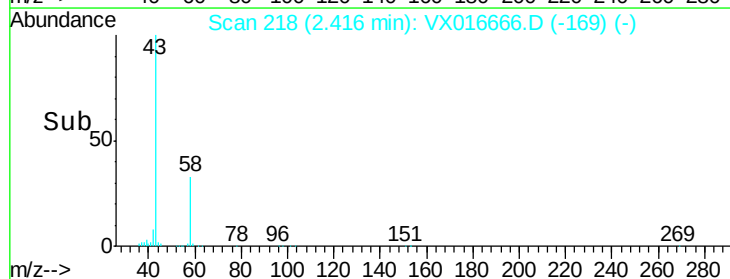
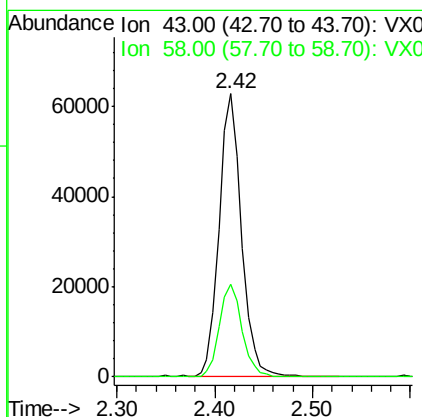
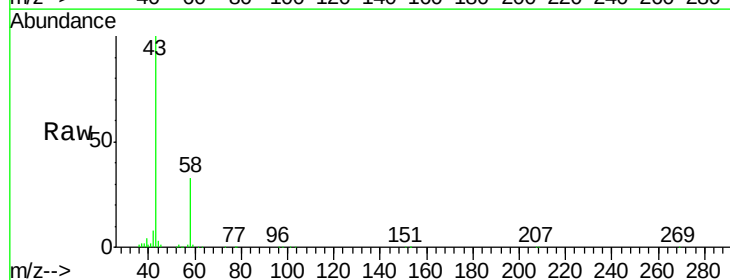
Manual Integrations
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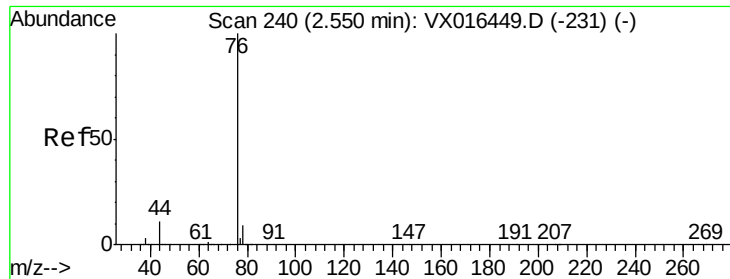
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#16
 Acetone
 Concen: 78.319 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion:	43	Resp:	100103
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.1	39.1





#17

Carbon Disulfide

Concen: 15.176 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 76 Resp: 101866

Ion Ratio Lower Upper

76 100

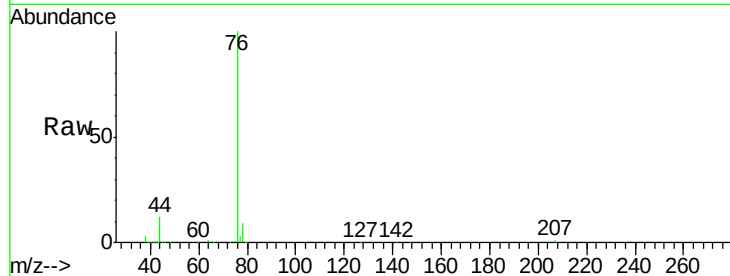
78 9.2 7.4 11.0

Manual Integrations

APPROVED

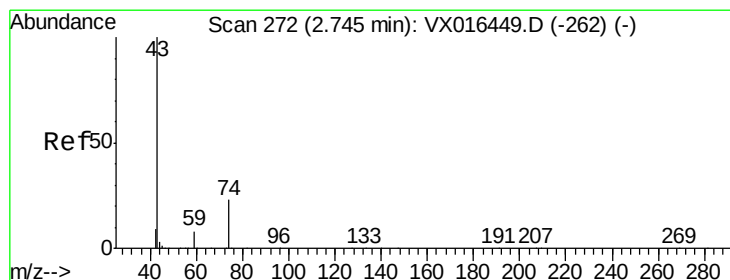
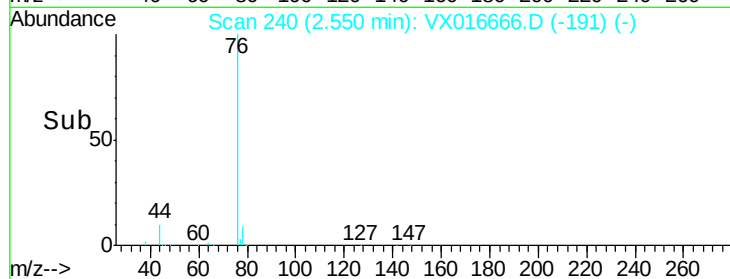
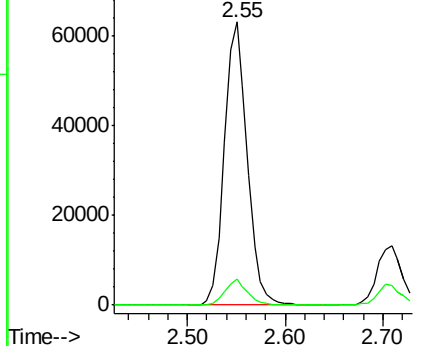
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.091 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016666.D

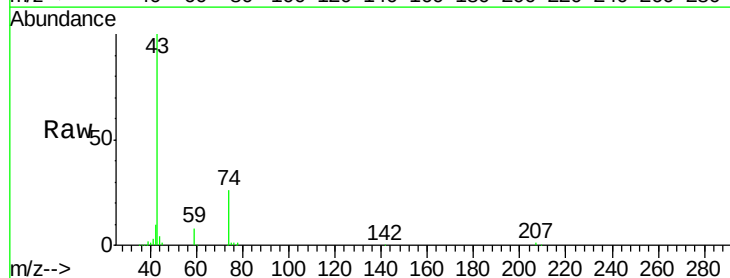
Acq: 10 Jun 2020 11:59

Tgt Ion: 43 Resp: 56029

Ion Ratio Lower Upper

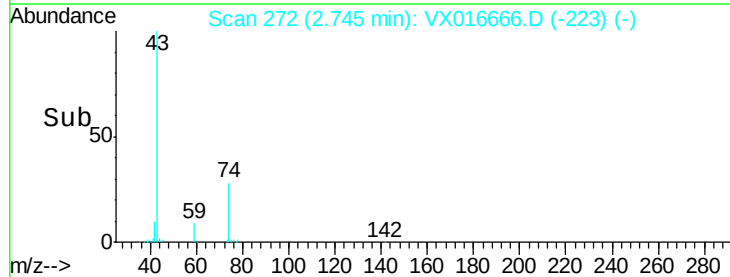
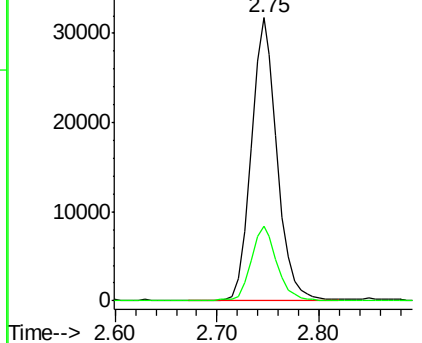
43 100

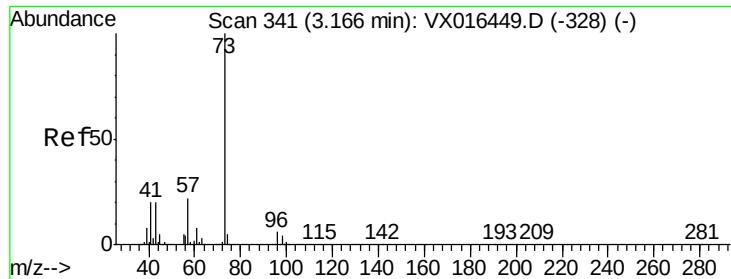
74 26.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





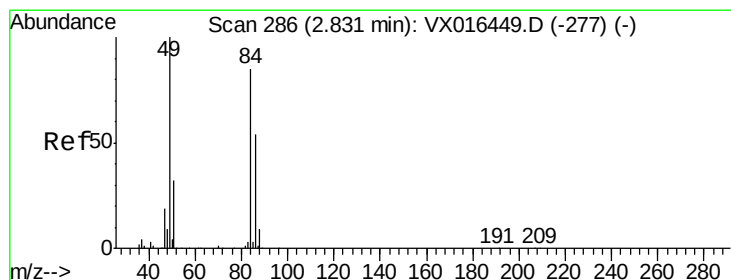
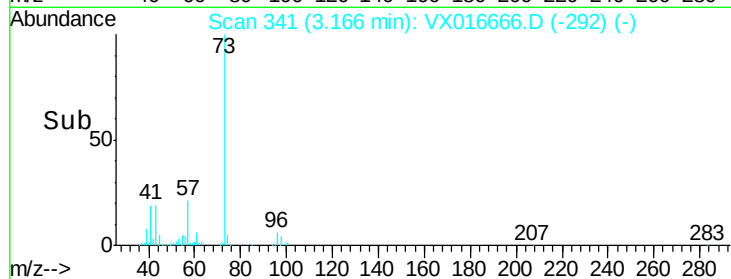
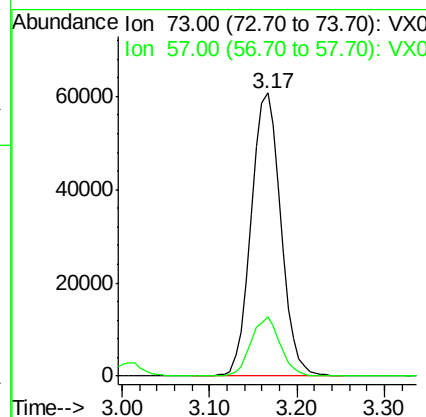
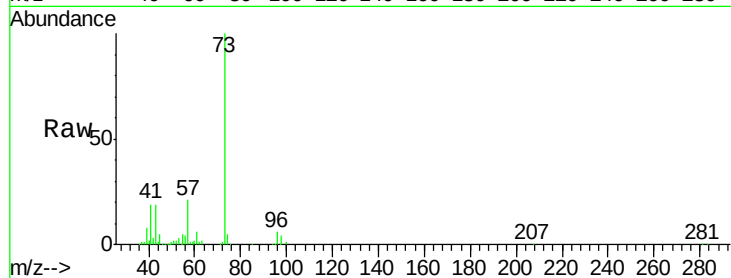
#19
Methyl tert-butyl Ether
Concen: 17.644 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.8	26.6

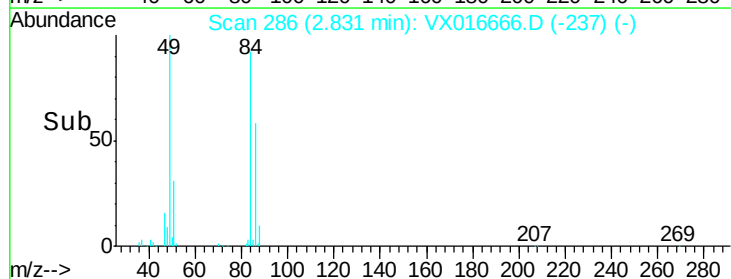
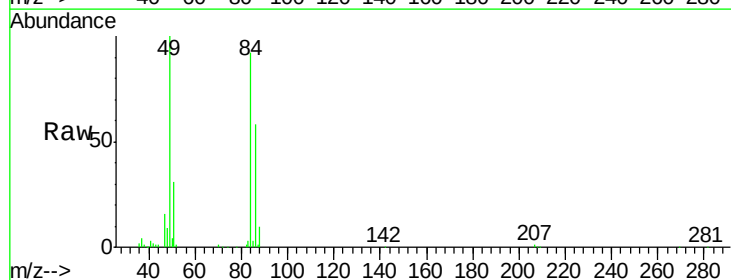
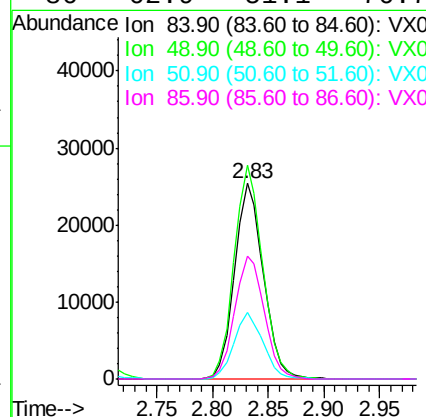
Manual Integrations
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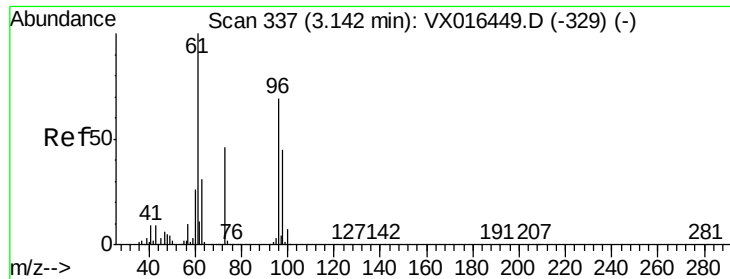
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#20
Methylene Chloride
Concen: 17.157 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.1	94.5	141.7
51	33.7	30.2	45.4
86	62.9	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 17.099 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

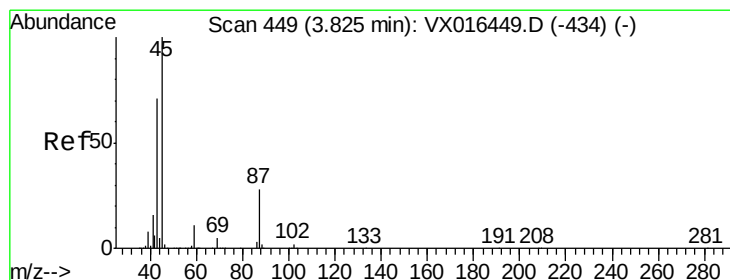
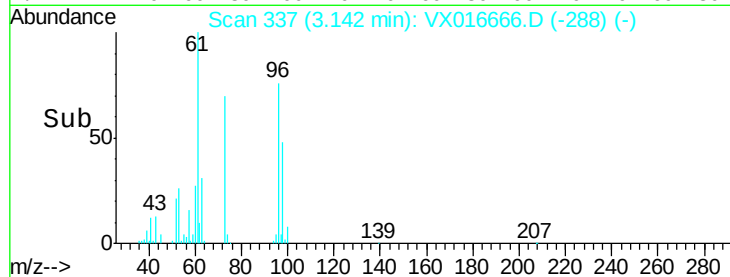
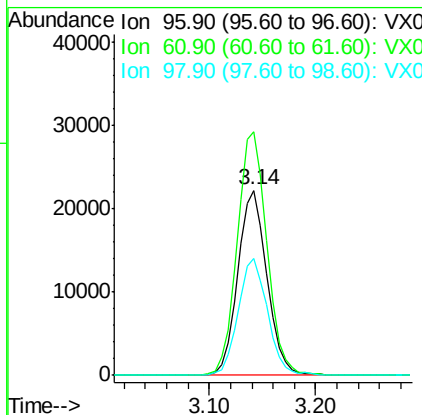
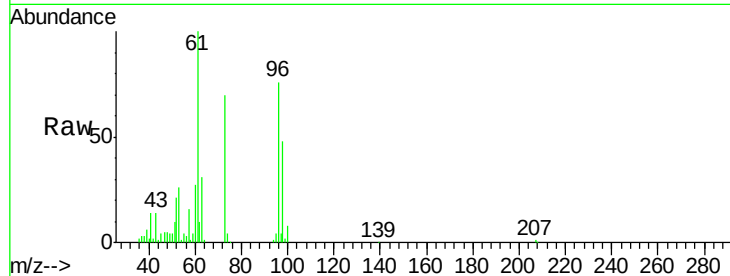
ClientSampleId :

VX0610WBS01

Tot Ion:	96	Resp:	42752
Ion Ratio	Lower	Upper	
96	100		
61	131.6	115.3	172.9
98	63.2	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 15.948 ug/l

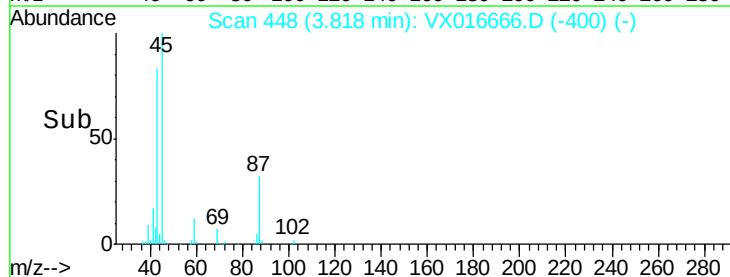
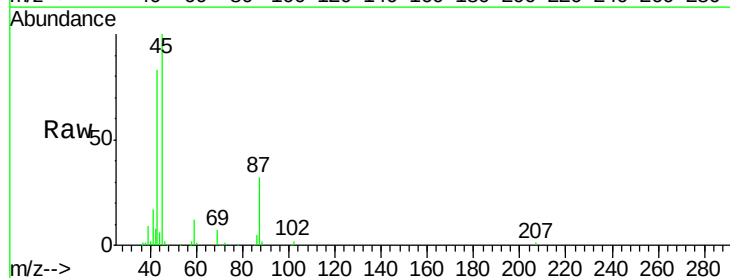
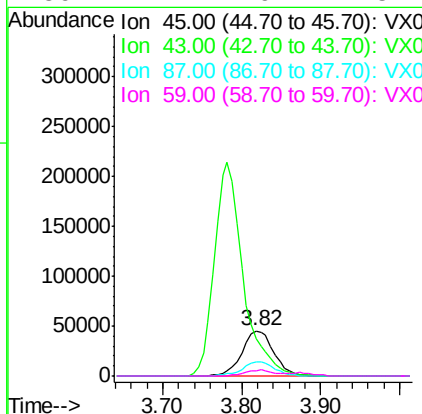
RT: 3.82 min Scan# 448

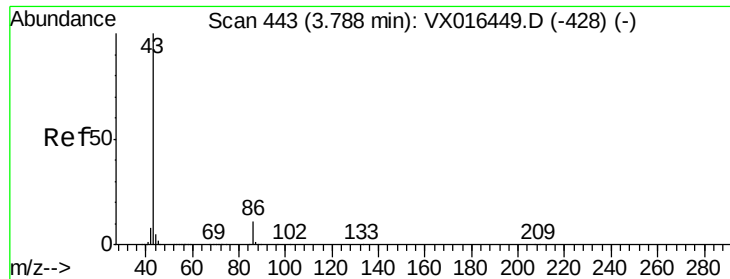
Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion:	45	Resp:	127353
Ion Ratio	Lower	Upper	
45	100		
43	82.0	57.0	85.6
87	32.3	22.5	33.7
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 77.737 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 43 Resp: 543373

Ion Ratio Lower Upper

43 100

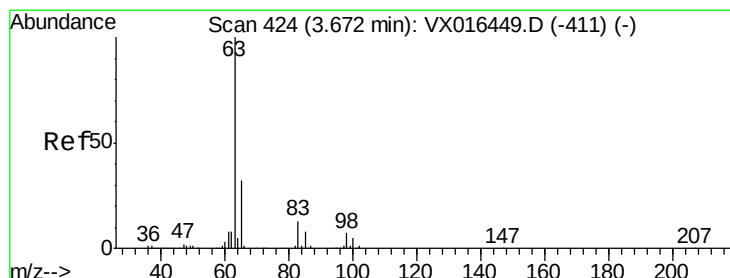
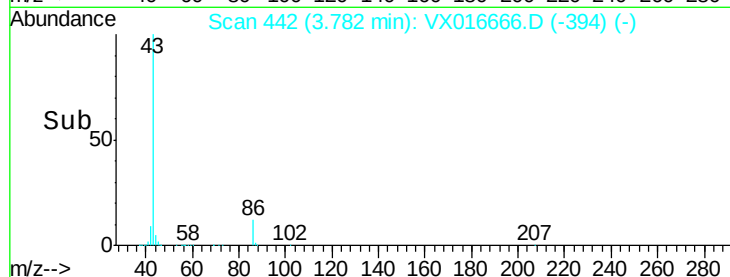
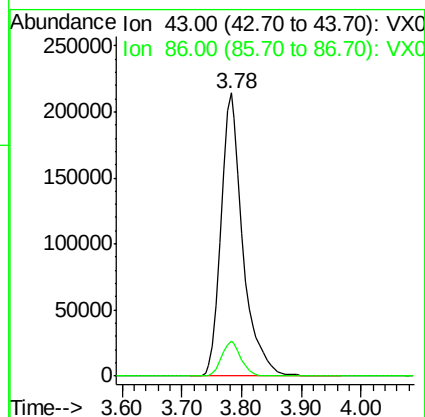
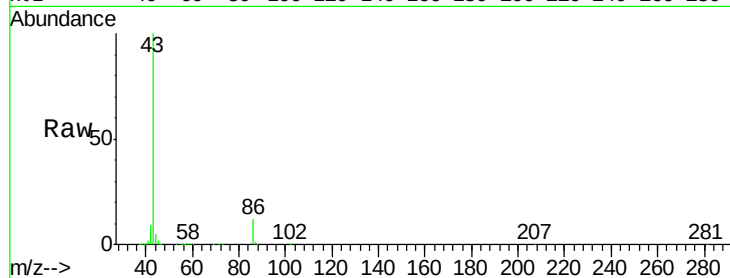
86 12.4 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.859 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

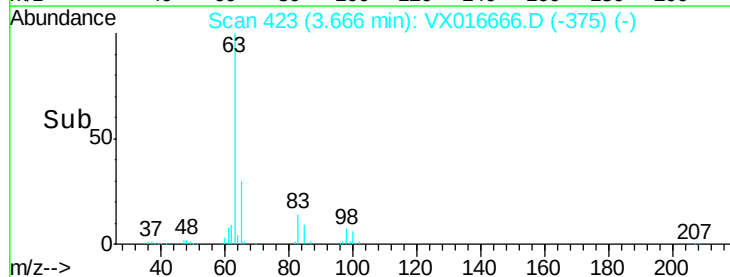
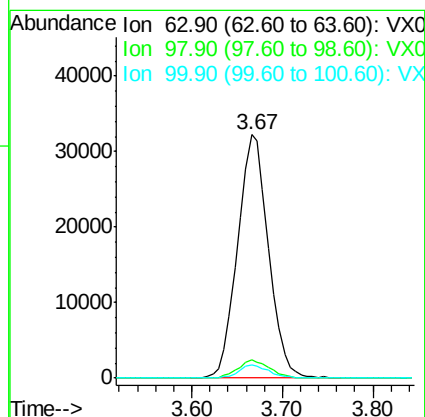
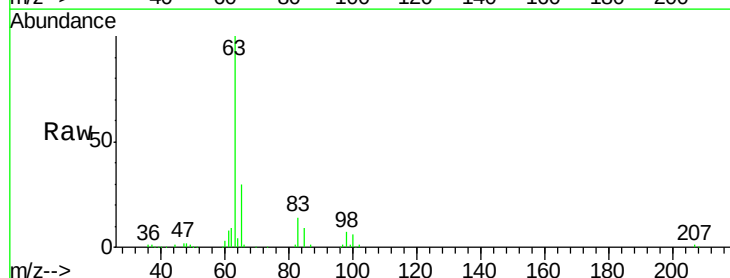
Tgt Ion: 63 Resp: 75989

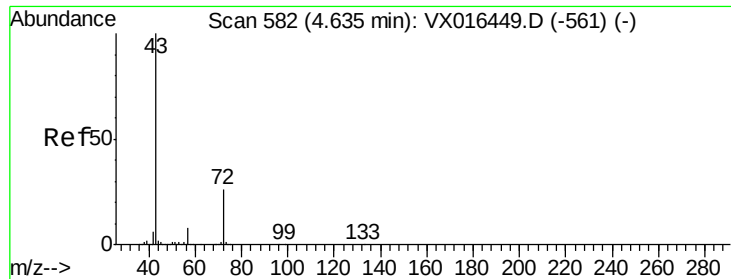
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.6 2.4 7.1





#25

2-Butanone

Concen: 75.688 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 43 Resp: 163923

Ion Ratio Lower Upper

43 100

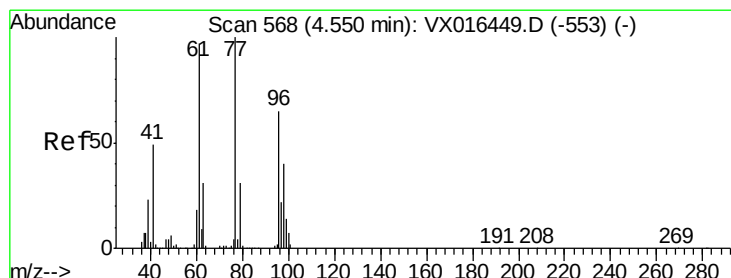
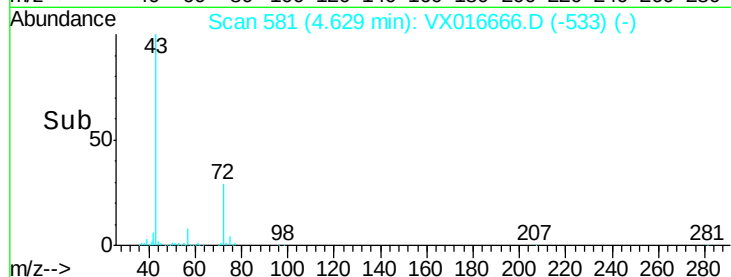
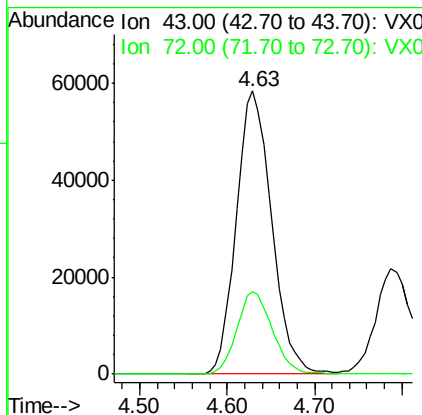
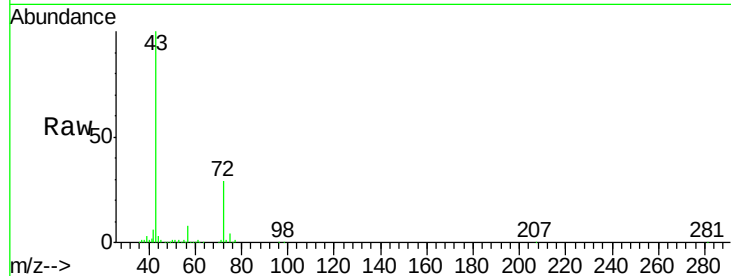
72 29.0 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.065 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016666.D

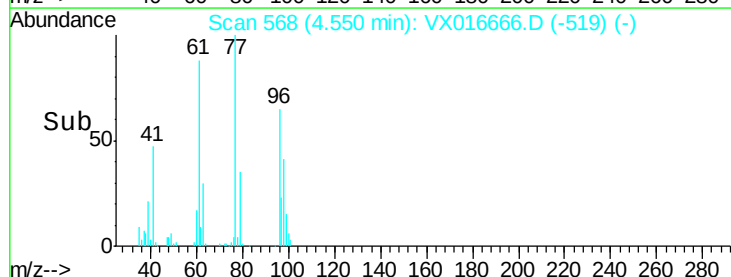
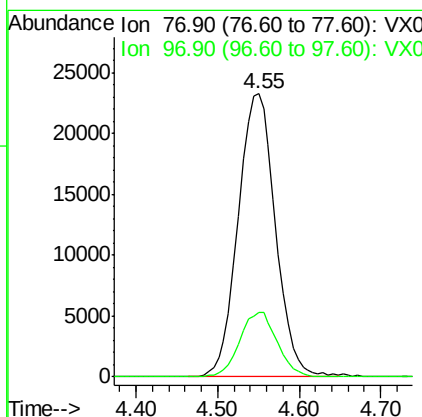
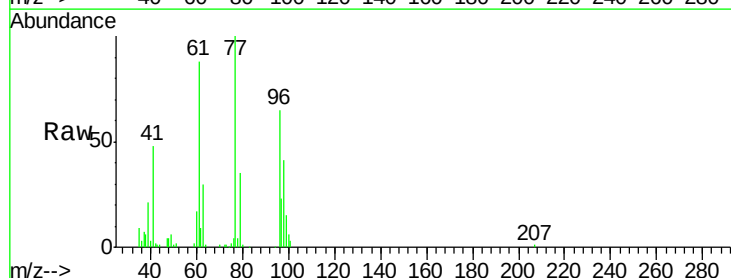
Acq: 10 Jun 2020 11:59

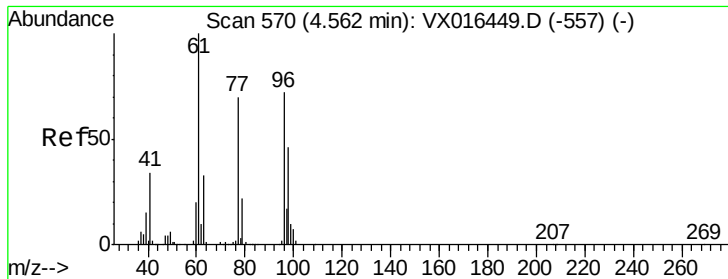
Tgt Ion: 77 Resp: 74002

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

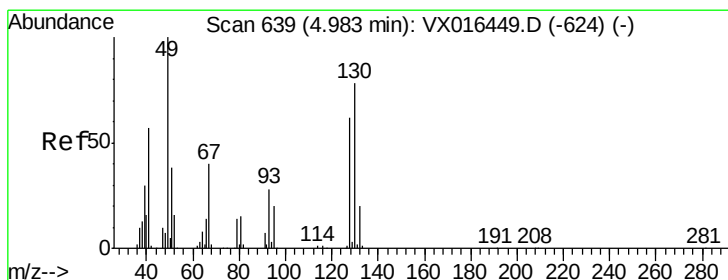
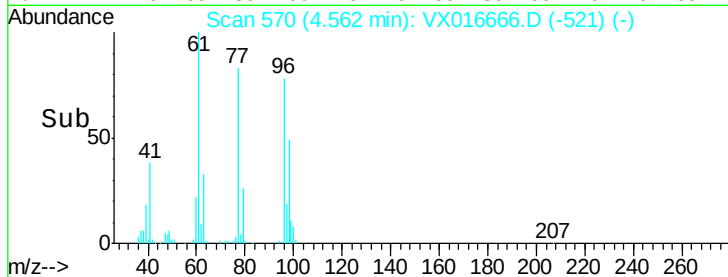
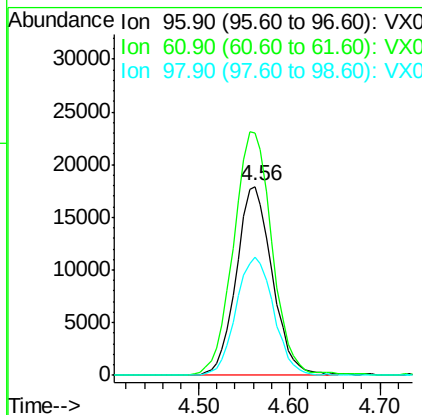
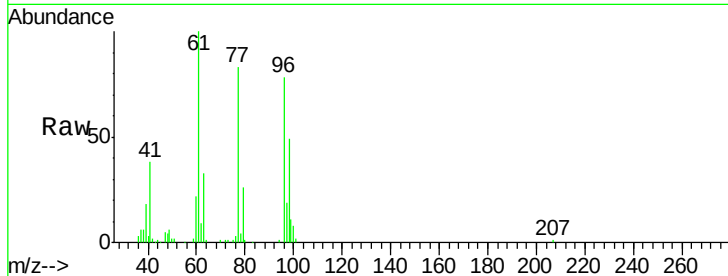
cis-1,2-Dichloroethene
 Concen: 17.062 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	284.6
98	65.3	0.0	127.2

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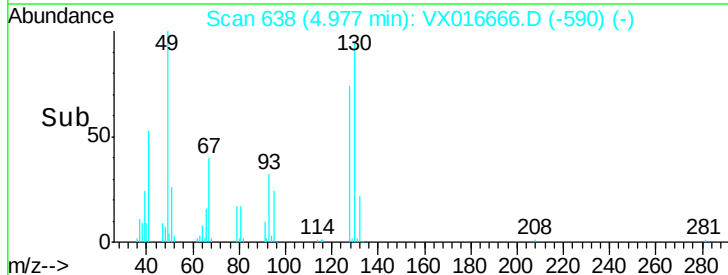
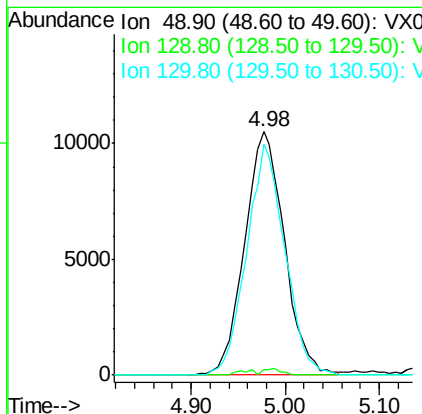
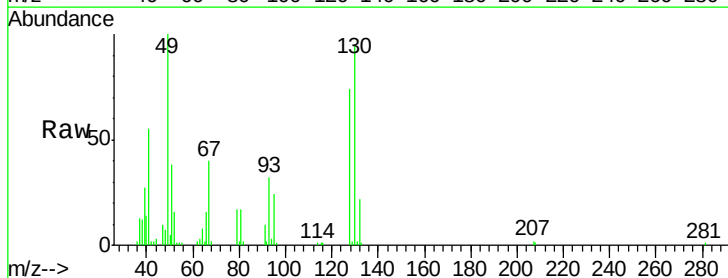
MMDadoda
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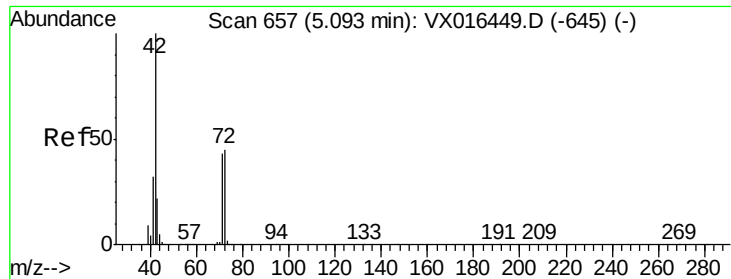


#28

Bromochloromethane
 Concen: 14.861 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	90.9	63.0	94.4





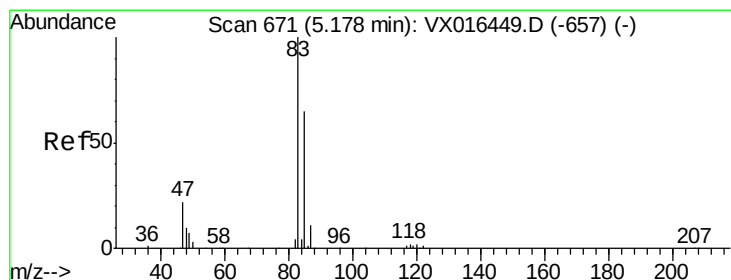
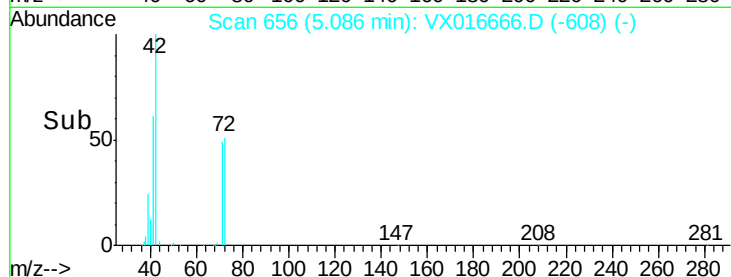
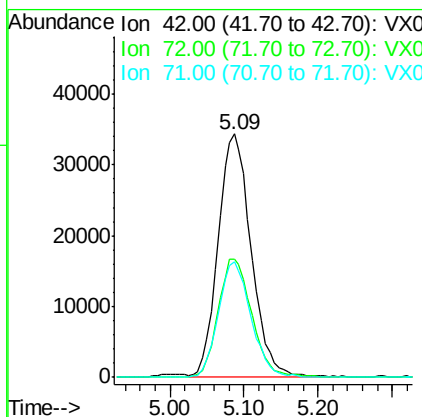
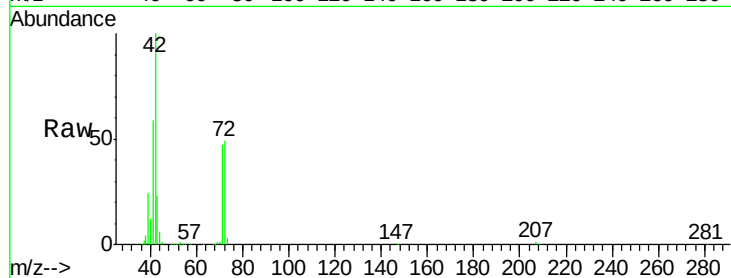
#29
Tetrahydrofuran
Concen: 75.076 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.3	37.0	55.4
71	47.2	34.1	51.1

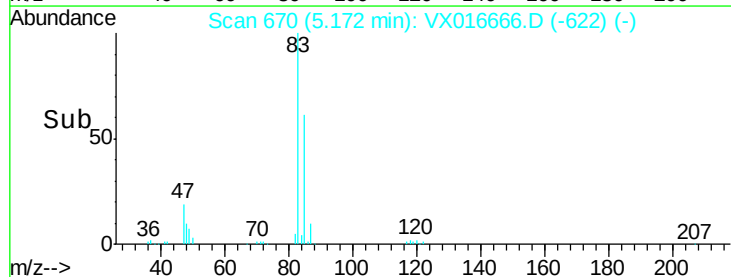
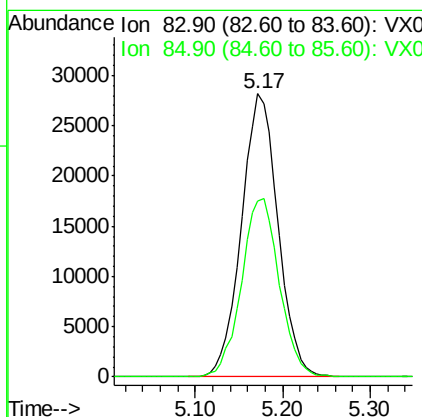
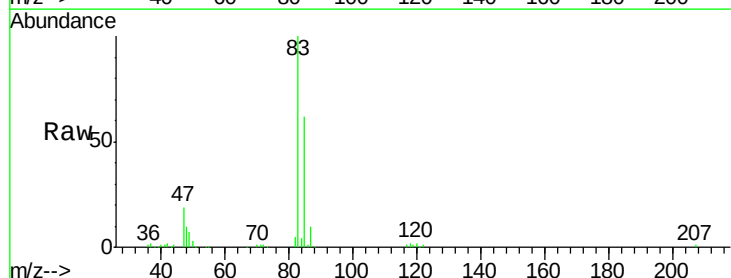
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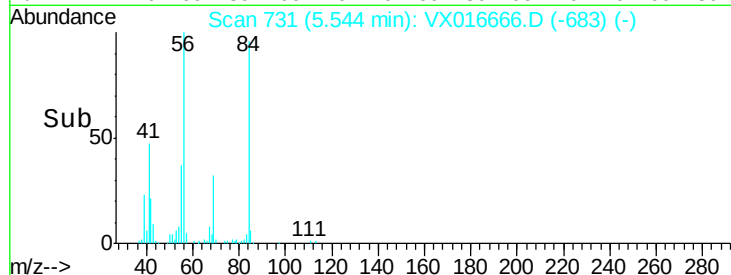
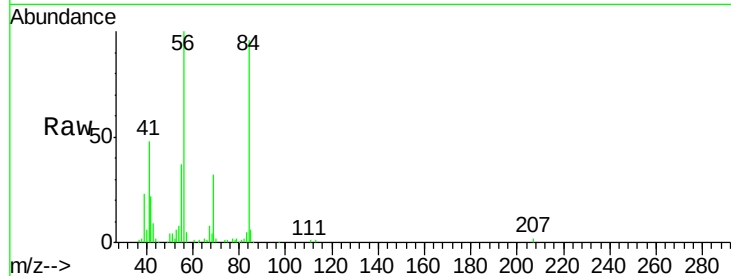
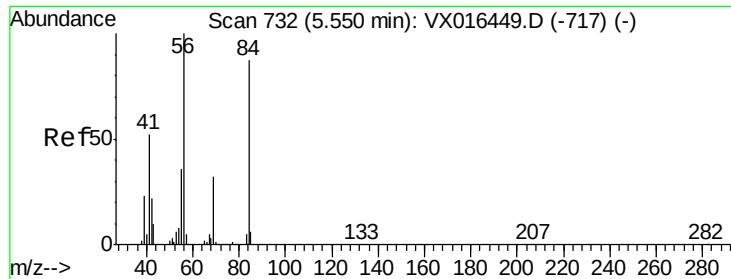
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#30
Chloroform
Concen: 18.063 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.0	78.0





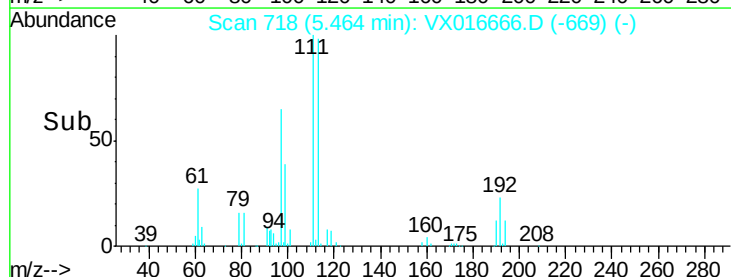
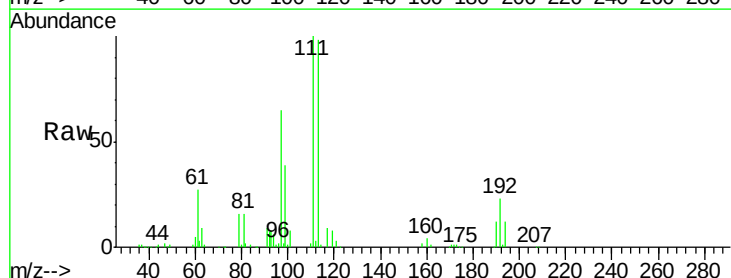
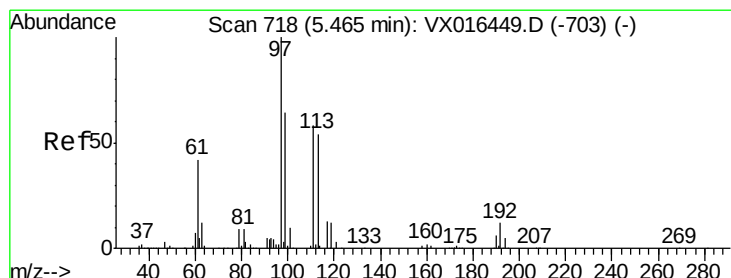
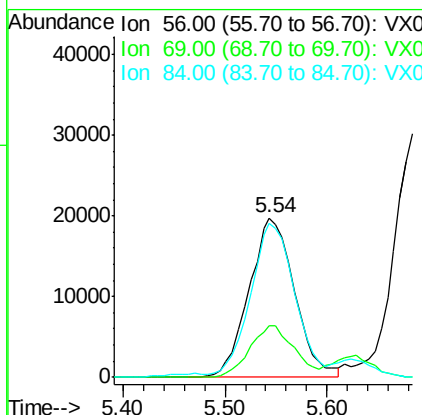
#31
Cyclohexane
Concen: 15.111 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.7	38.5
84	94.2	70.0	105.0

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

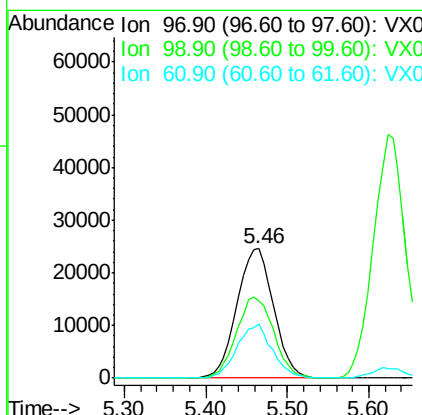
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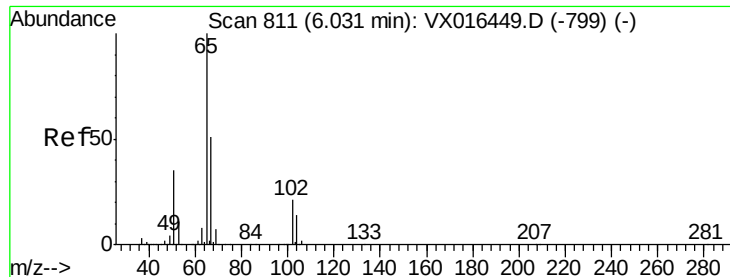
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#32
1,1,1-Trichloroethane
Concen: 18.723 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.2
61	39.7	33.5	50.3





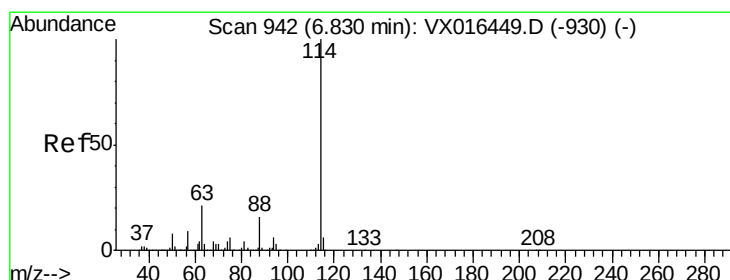
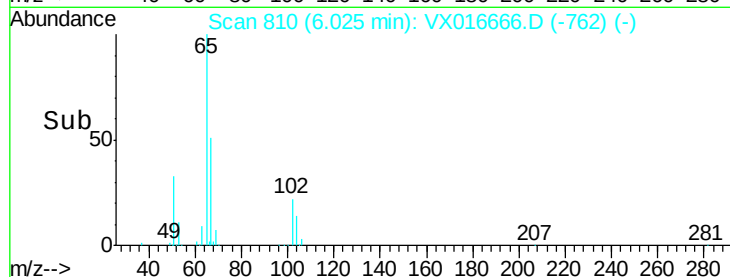
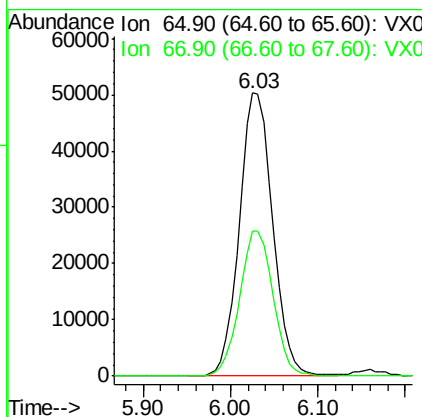
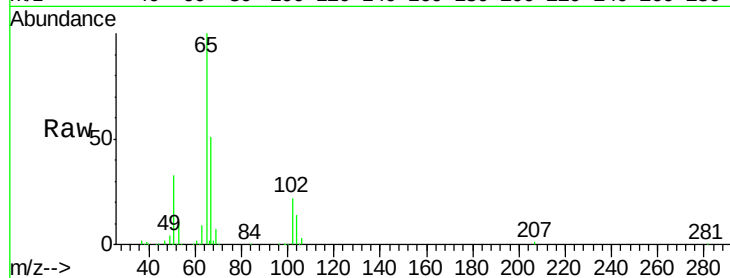
#33
 1,2-Dichloroethane-d4
 Concen: 45.746 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8

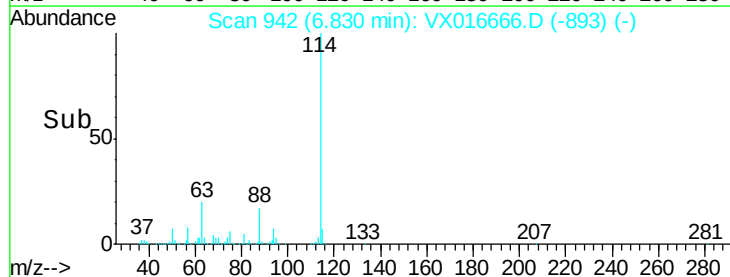
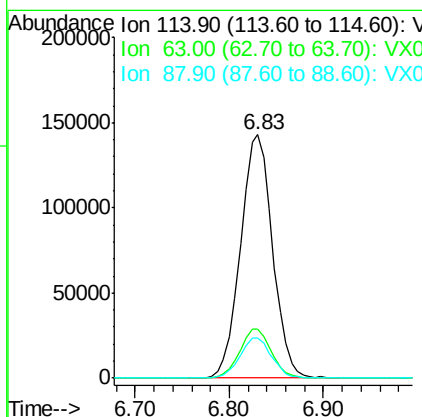
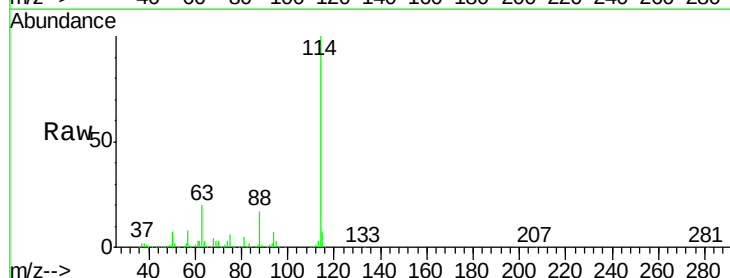
Manual Integrations
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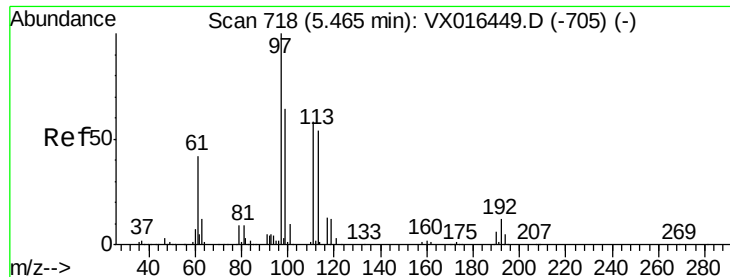
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	16.5	0.0	32.8





#35

Dibromofluoromethane

Concen: 51.872 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

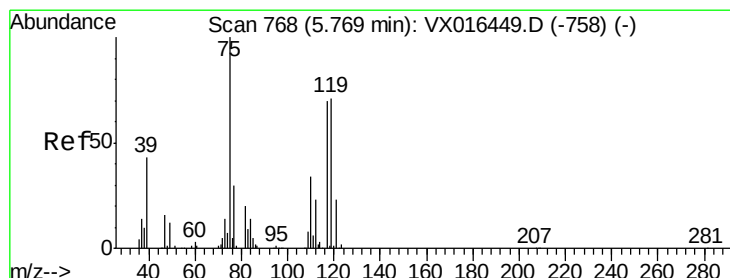
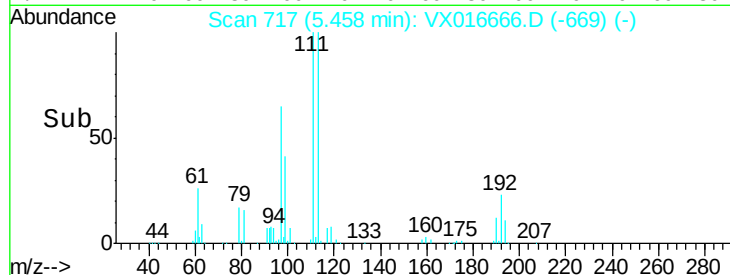
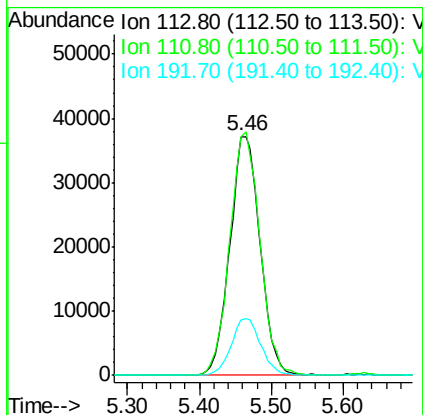
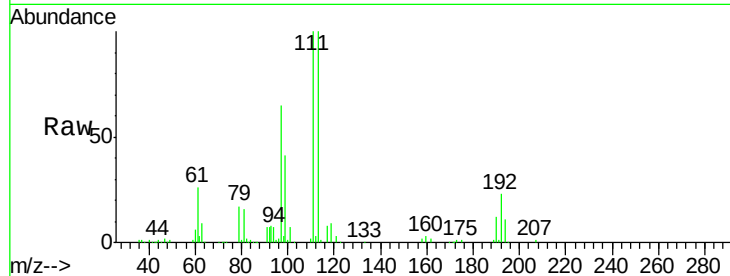
ClientSampleId :

VX0610WBS01

Tot Ion:	113	Resp:	108497
Ion Ratio	Lower	Upper	
113	100		
111	101.4	83.0	124.6
192	23.3	17.7	26.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.818 ug/l

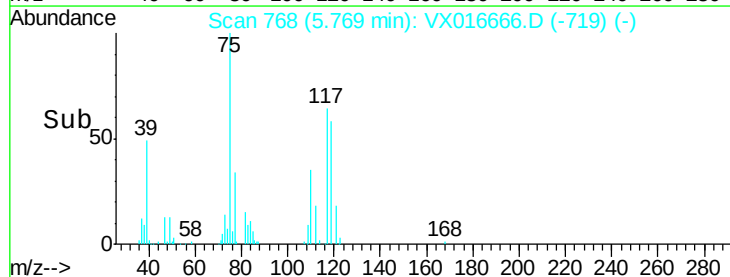
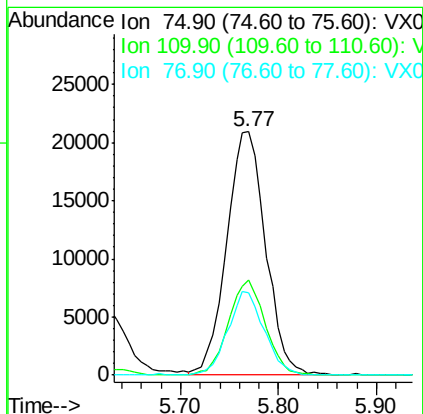
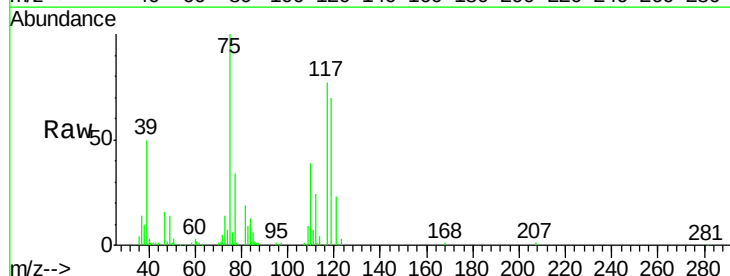
RT: 5.77 min Scan# 768

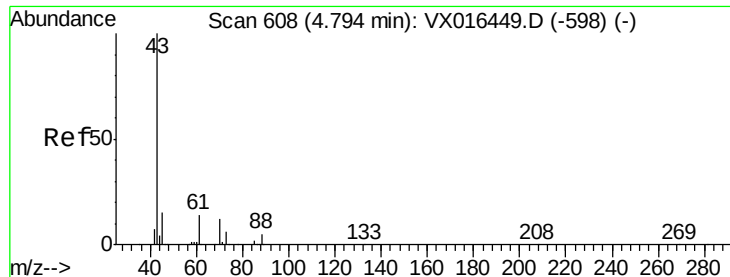
Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion:	75	Resp:	57305
Ion Ratio	Lower	Upper	
75	100		
110	37.1	17.4	52.3
77	32.6	24.2	36.4





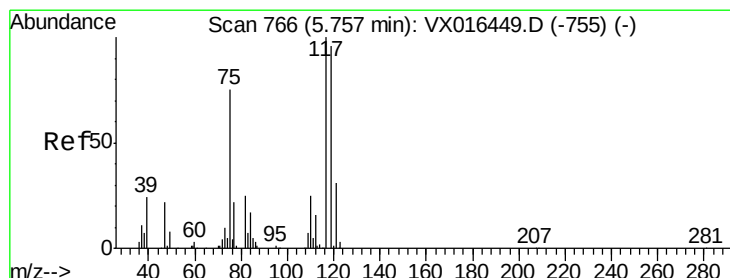
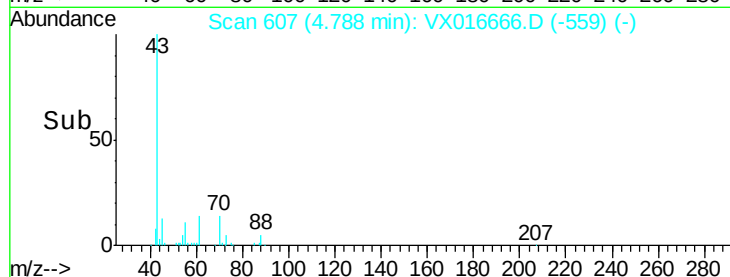
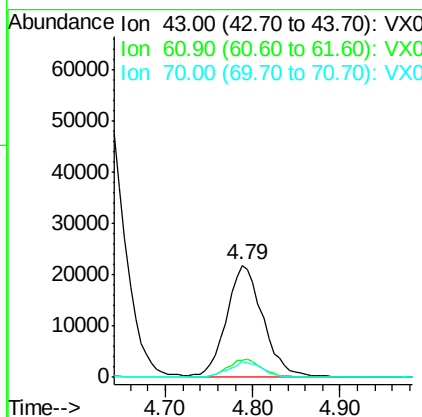
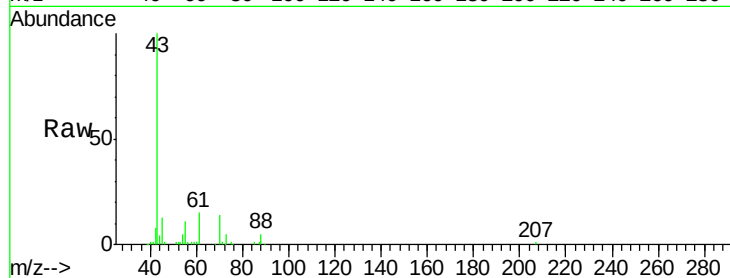
#37
Ethyl Acetate
Concen: 16.217 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampled :
VX0610WBS01

Tot Ion	43	Resp	62619
Ion Ratio	100	Lower	Upper
43	100		
61	15.6	11.3	16.9
70	13.0	9.3	13.9

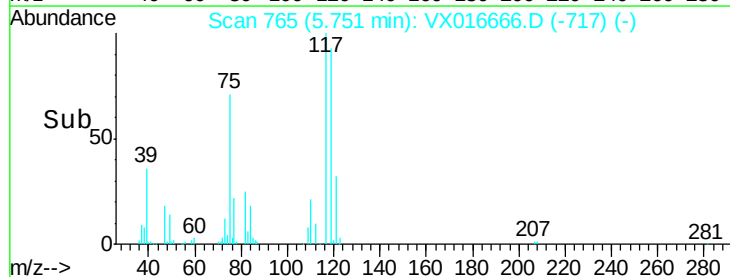
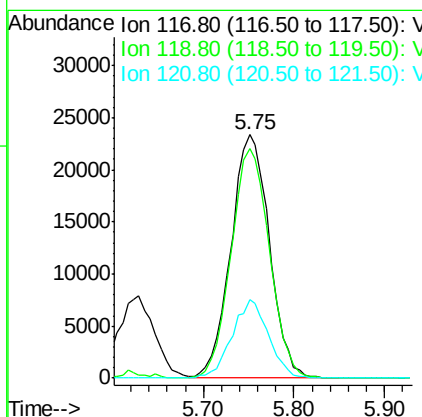
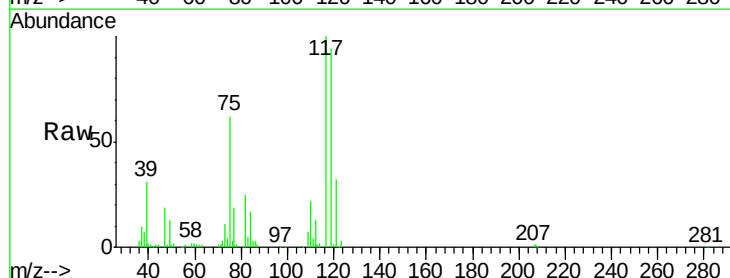
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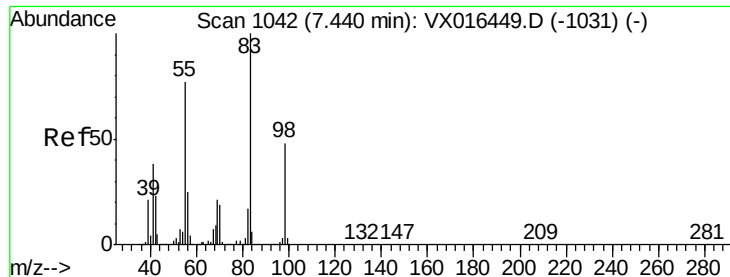
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#38
Carbon Tetrachloride
Concen: 20.380 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	117	Resp	68882
Ion Ratio	100	Lower	Upper
117	100		
119	94.4	76.3	114.5
121	32.2	24.6	37.0





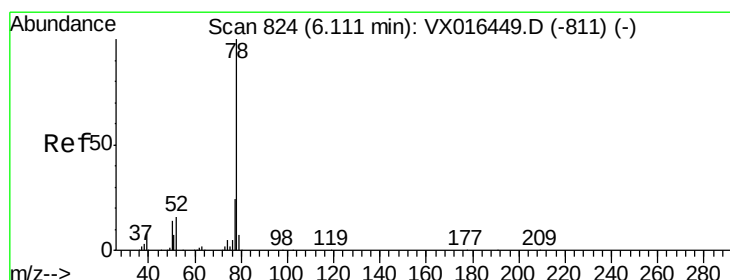
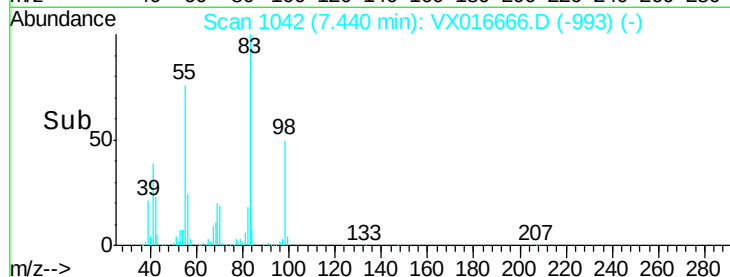
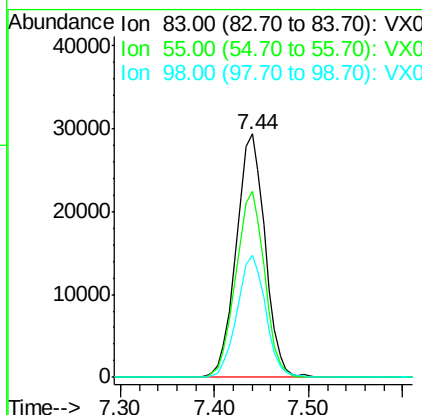
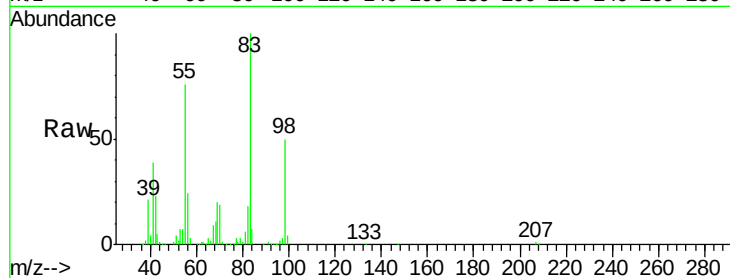
#39
Methylvlcyclohexane
Concen: 17.956 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.7	92.5
98	50.1	38.7	58.1

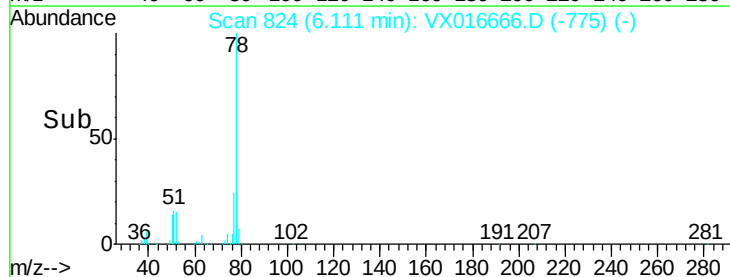
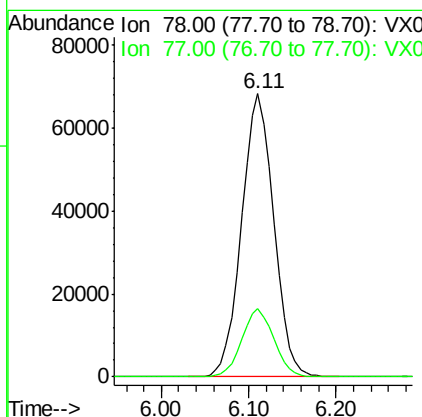
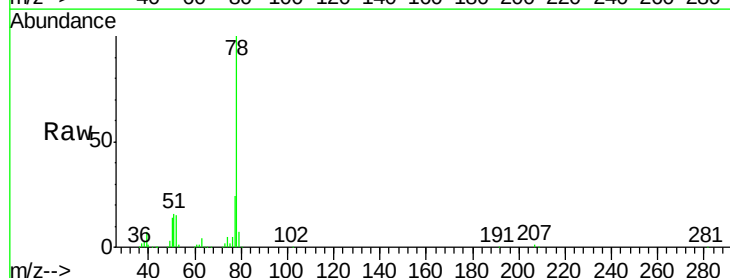
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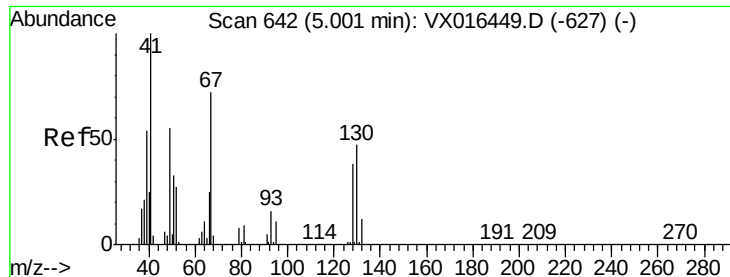
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6/11/2020 12:46:09 PM



#40
Benzene
Concen: 18.252 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





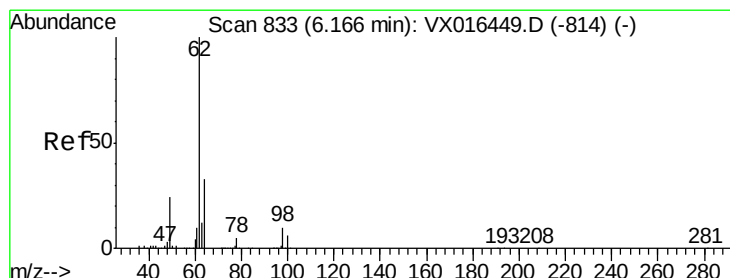
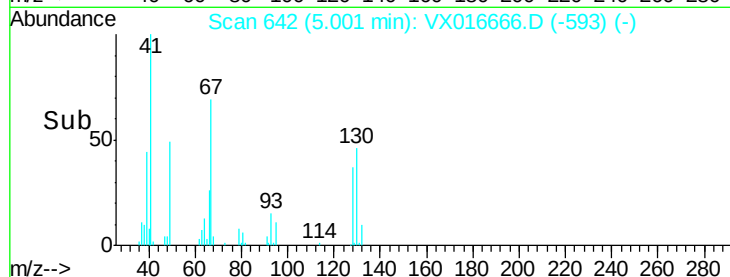
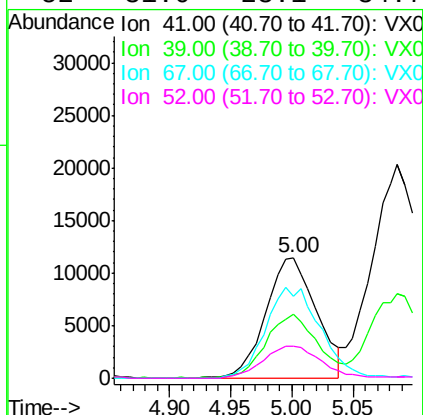
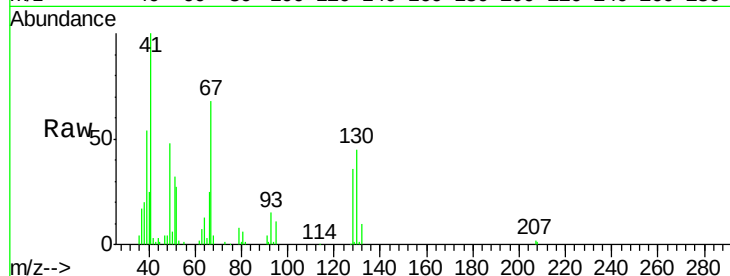
#41
Methacrylonitrile
Concen: 15.530 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	43.0	64.4	
67	81.9	58.9	88.3	
52	31.0	23.1	34.7	

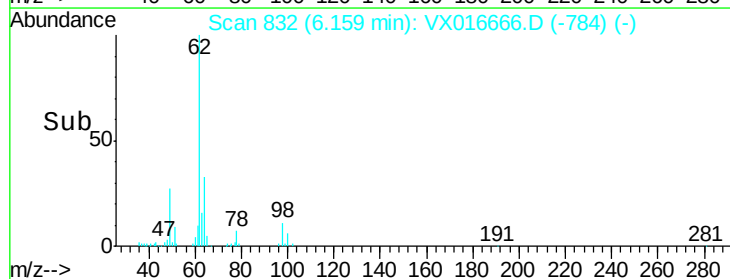
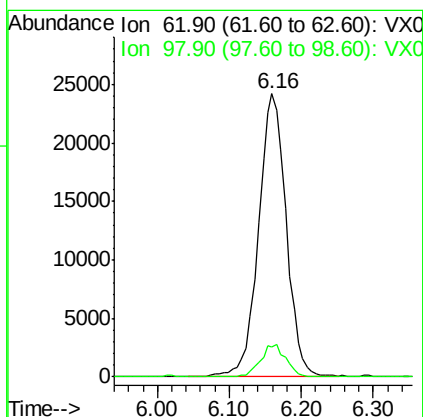
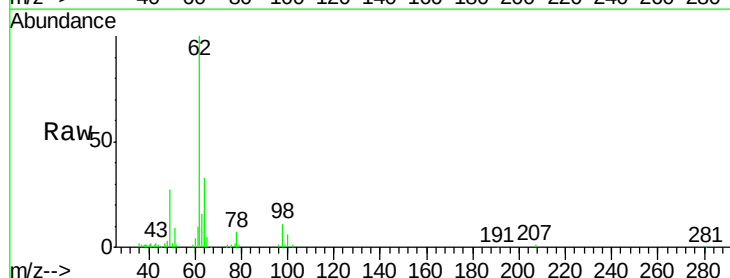
Manual Integrations
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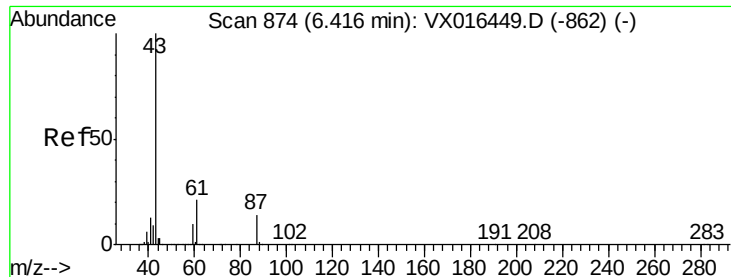
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.956 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	19.8	





#43

Isopropyl Acetate

Concen: 16.276 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

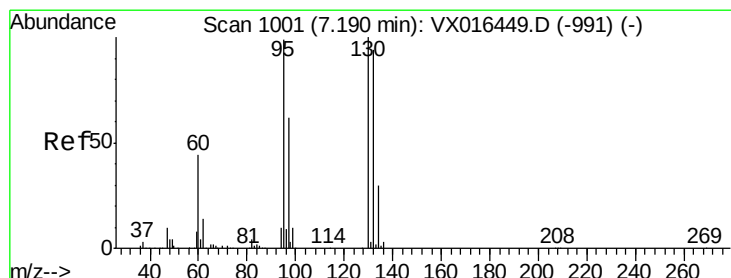
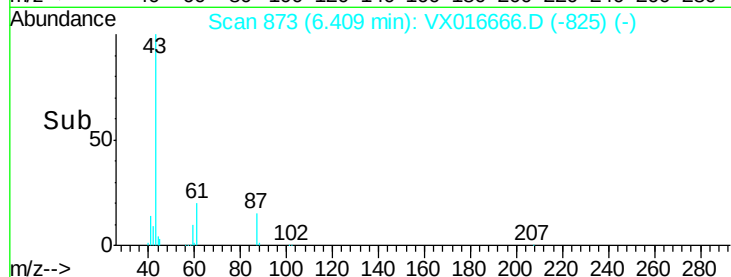
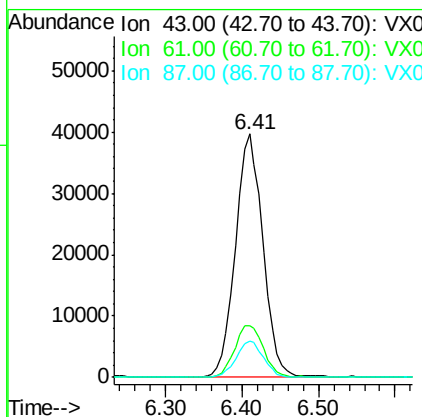
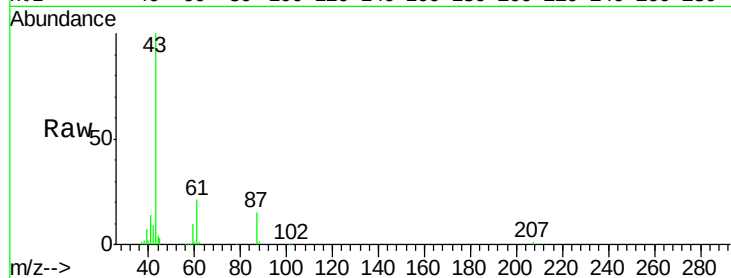
ClientSampled :

VX0610WBS01

Tot Ion:	43	Resp:	98030
Ion	Ratio	Lower	Upper
43	100		
61	22.4	16.8	25.2
87	15.0	11.2	16.8

Manual Integrations
APPROVED

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#44

Trichloroethene

Concen: 19.248 ug/l

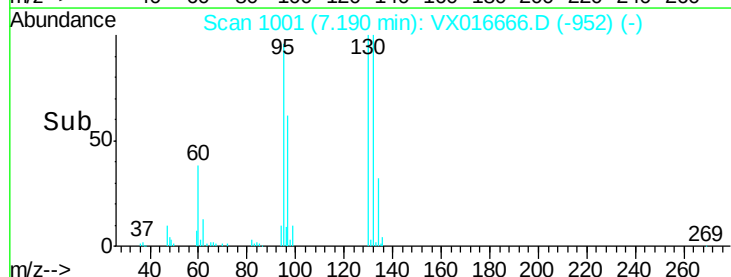
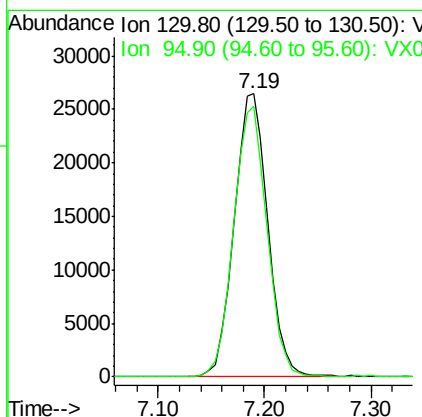
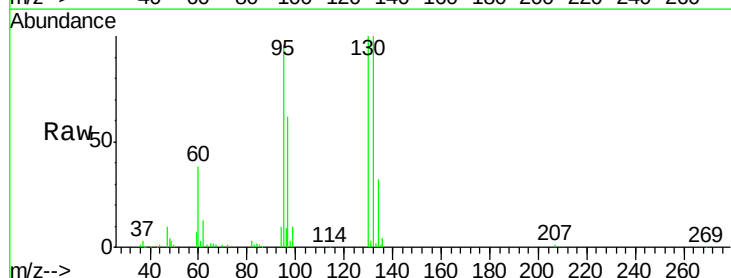
RT: 7.19 min Scan# 1001

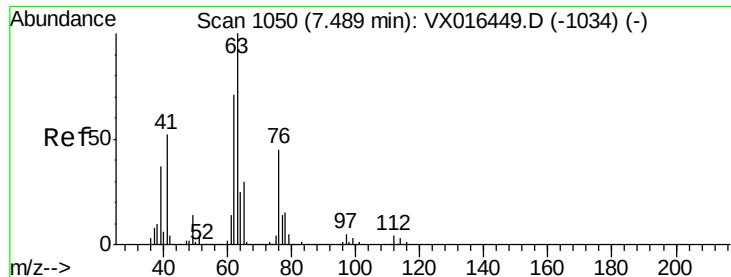
Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion:	130	Resp:	58491
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	198.2





#45

1,2-Dichloropropane

Concen: 17.835 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS01

Tot Ion: 63 Resp: 43487

Ion Ratio Lower Upper

63 100

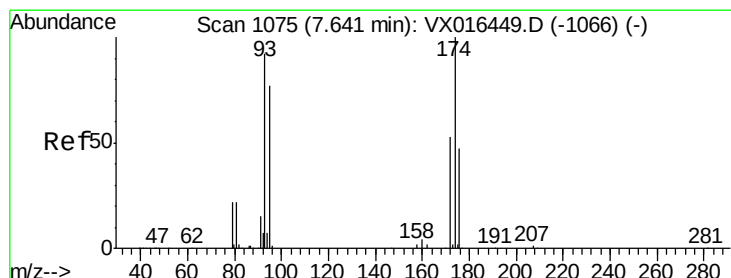
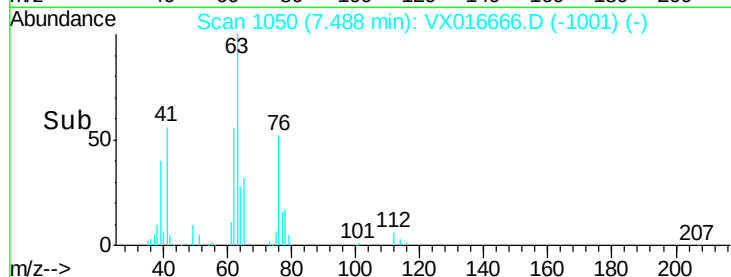
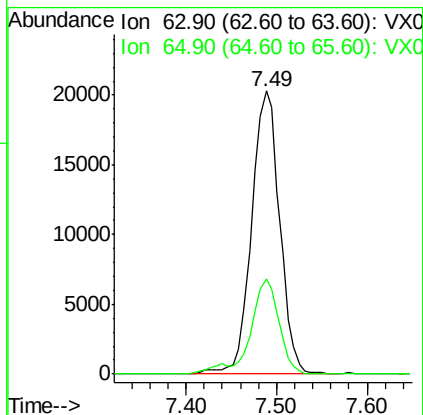
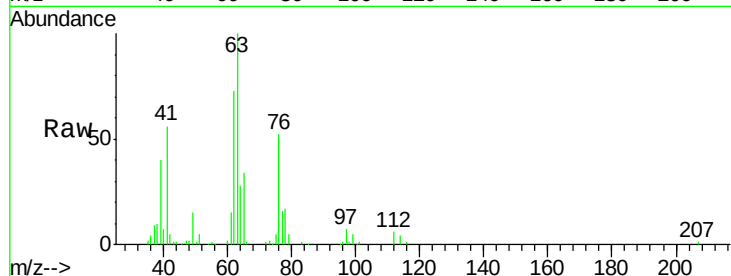
65 33.7 24.2 36.2

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#46

Dibromomethane

Concen: 19.271 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

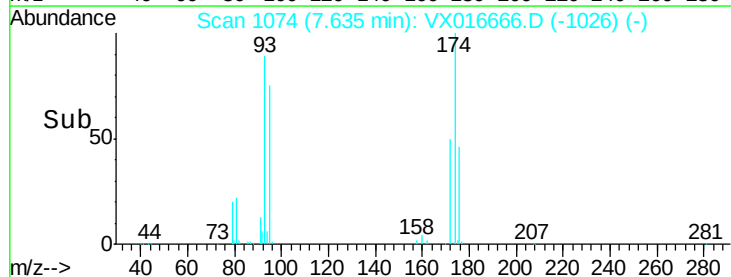
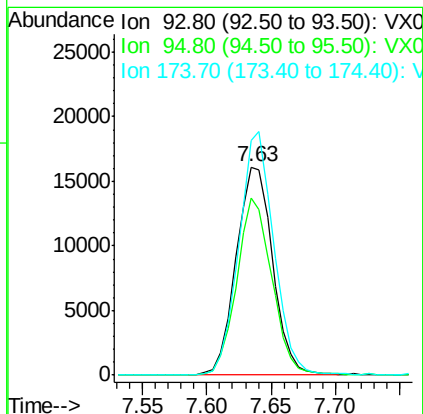
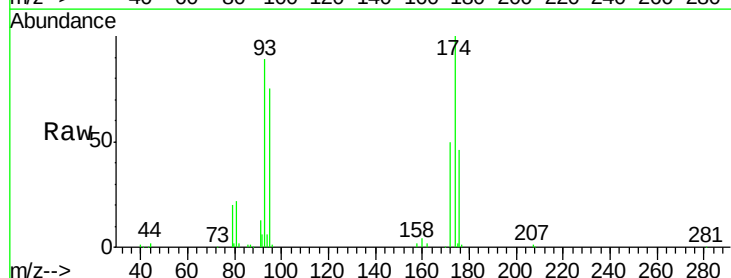
Tgt Ion: 93 Resp: 31561

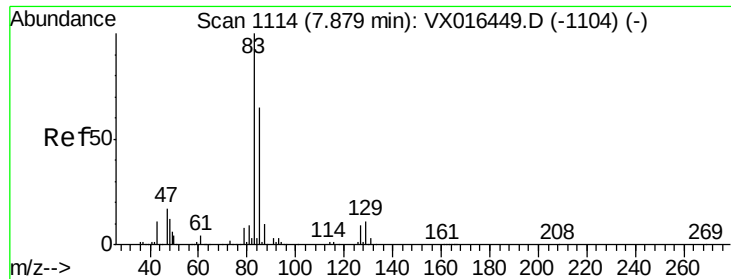
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 112.2 86.2 129.4





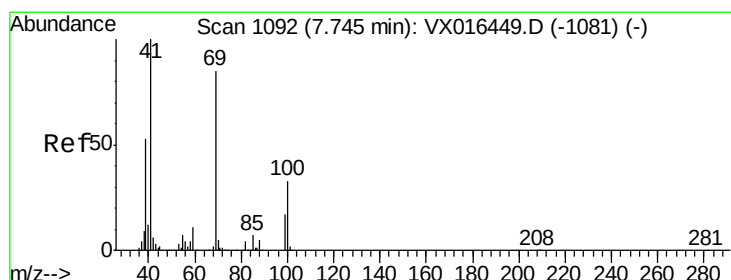
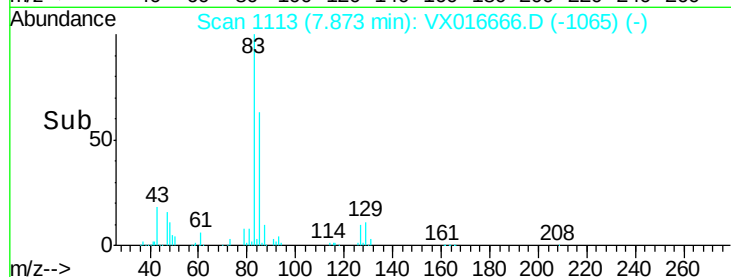
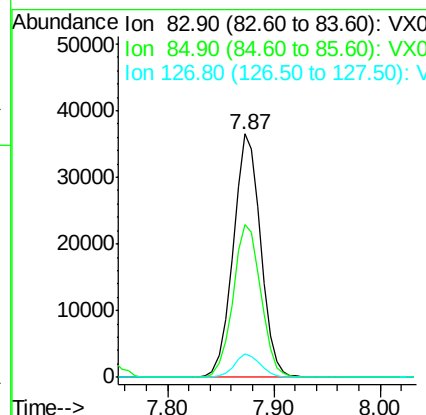
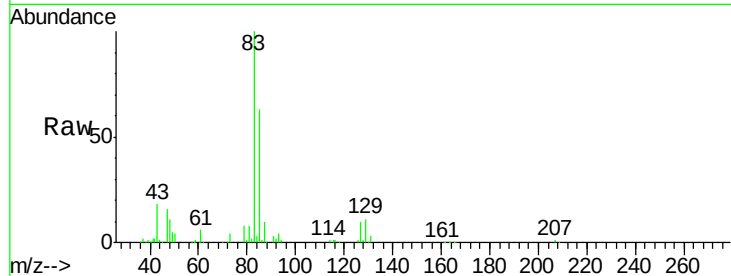
#47
Bromodichloromethane
Concen: 19.473 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	83	Resp	66032
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	52.0	78.0
127	9.6	7.4	11.0

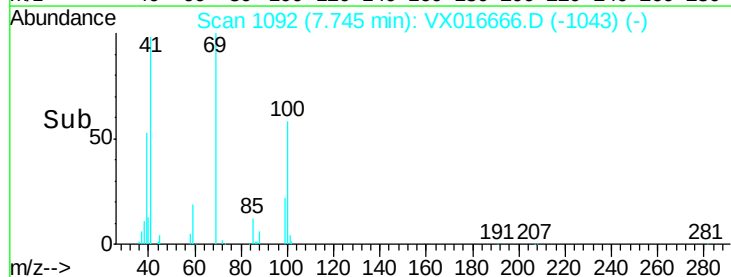
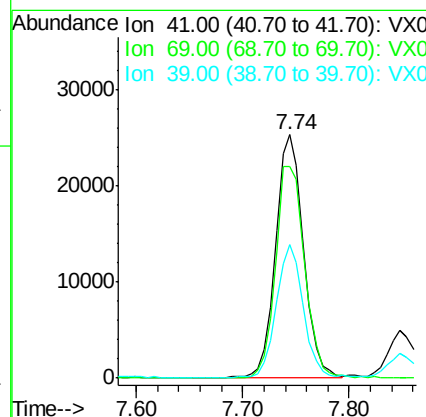
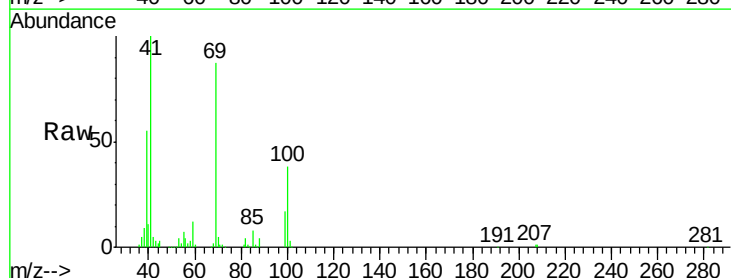
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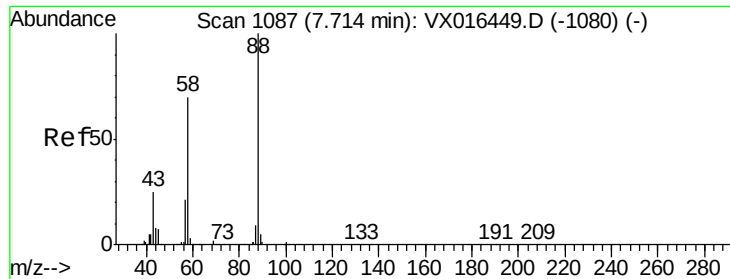
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#48
Methyl methacrylate
Concen: 16.082 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	41	Resp	46378
Ion Ratio	100	Lower	Upper
41	100		
69	90.6	68.6	102.8
39	53.7	42.4	63.6





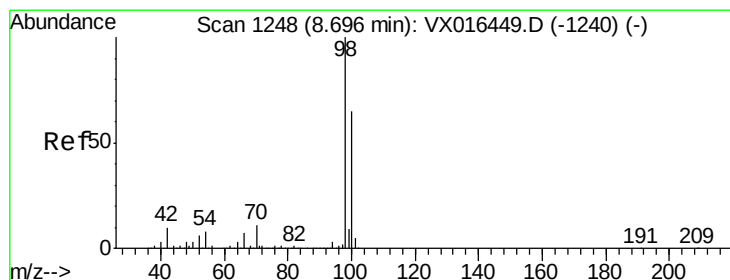
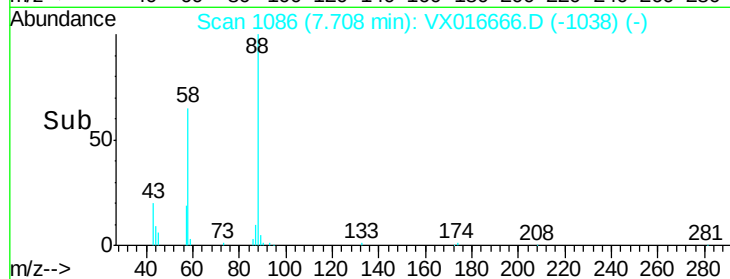
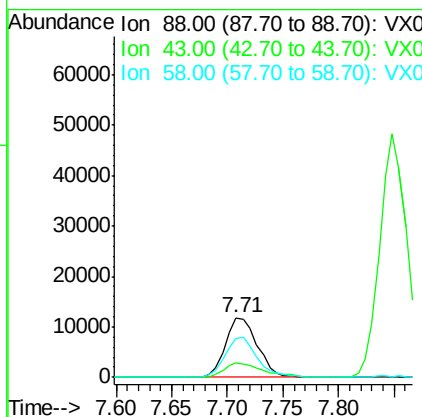
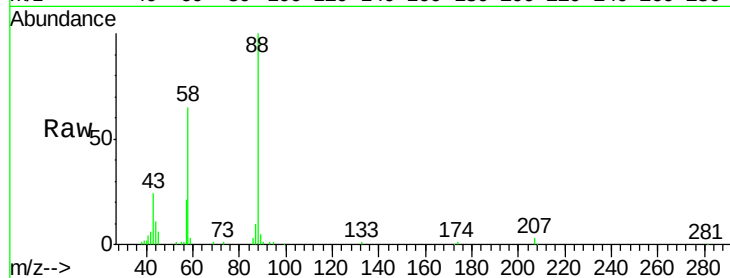
#49
1,4-Dioxane
Concen: 352.150 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.2	36.4
58	66.9	56.5	84.7

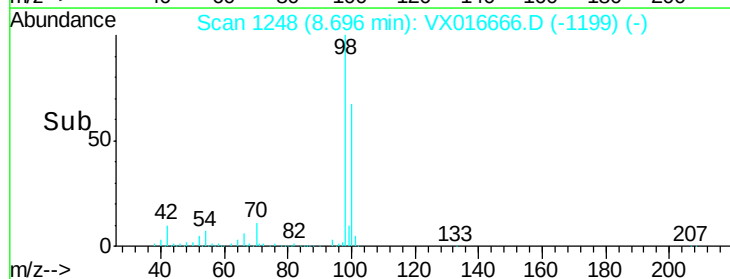
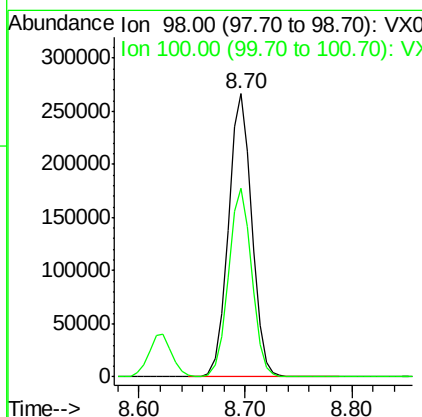
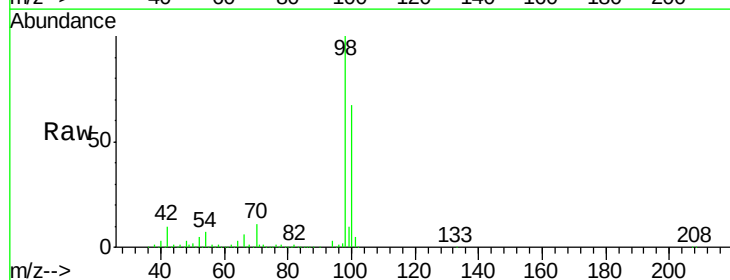
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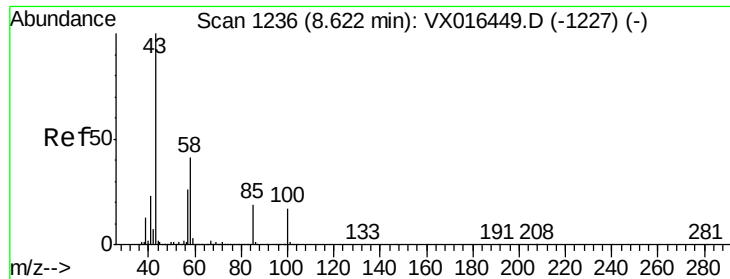
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#50
Toluene-d8
Concen: 50.330 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 83.852 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS01

Tot Ion: 43 Resp: 314468

Ion Ratio Lower Upper

43 100

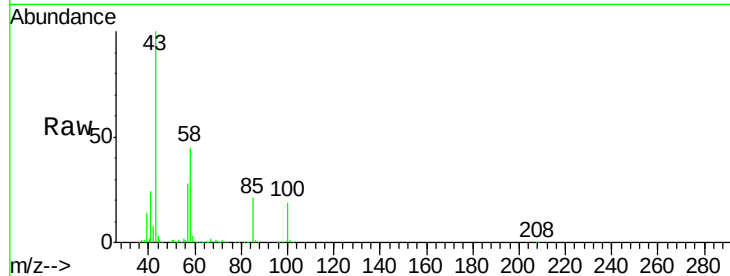
58 43.5 33.0 49.6

Manual Integrations

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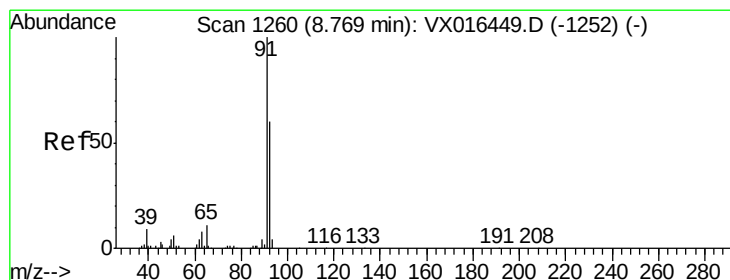
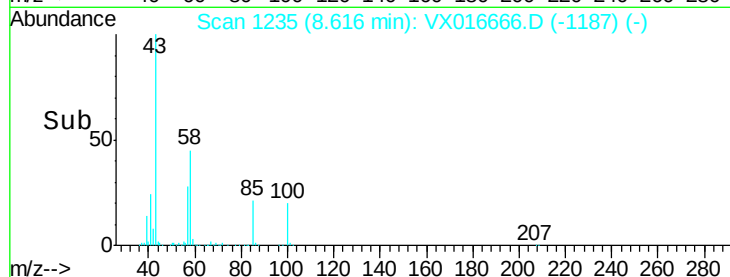
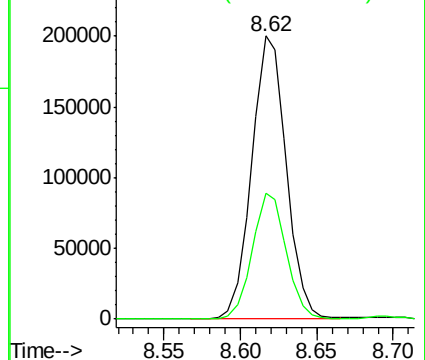
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.971 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016666.D

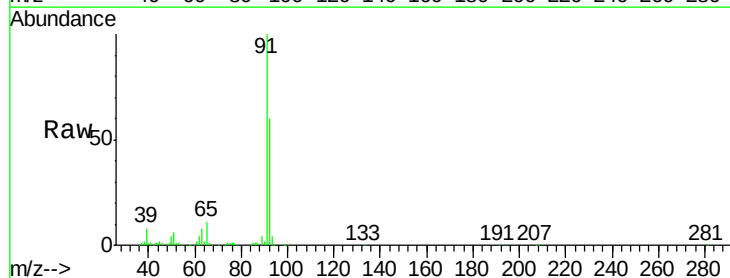
Acq: 10 Jun 2020 11:59

Tgt Ion: 92 Resp: 114580

Ion Ratio Lower Upper

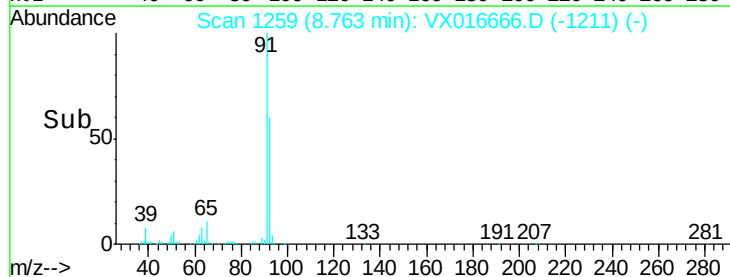
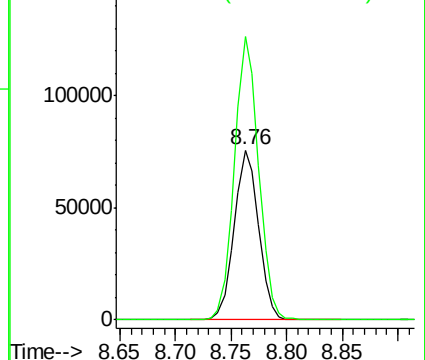
92 100

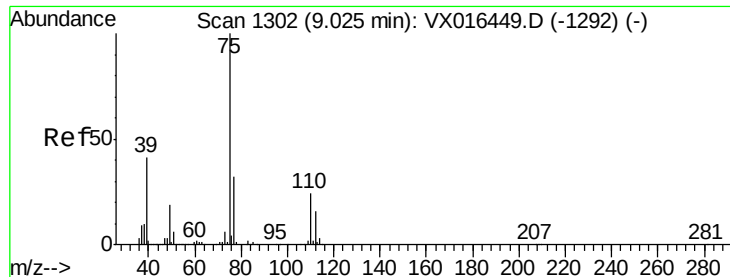
91 165.9 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.729 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS01

Tot Ion: 75 Resp: 72216

Ion Ratio Lower Upper

75 100

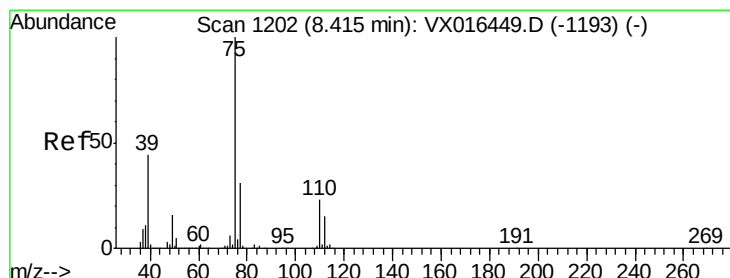
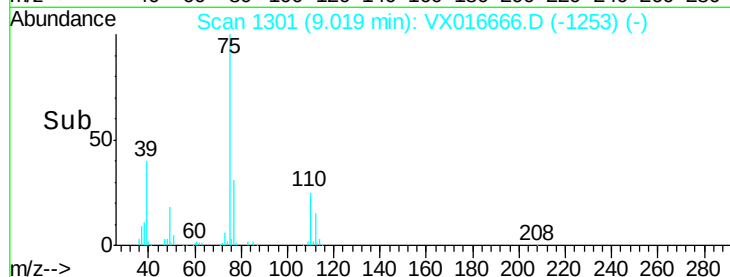
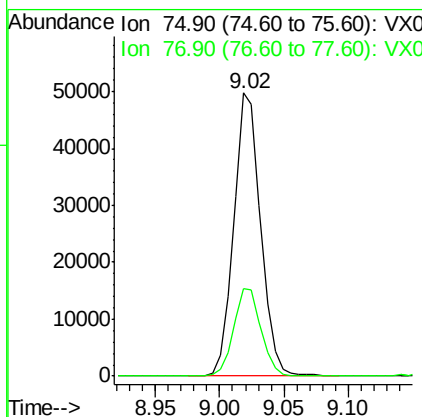
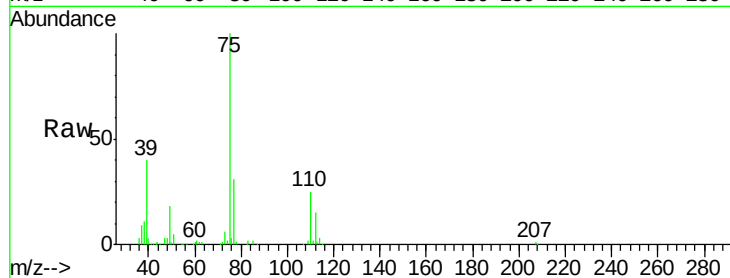
77 30.7 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.992 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

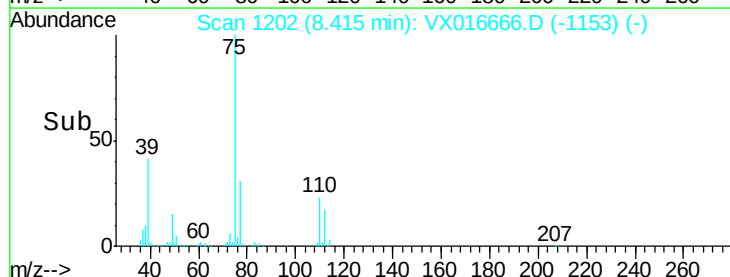
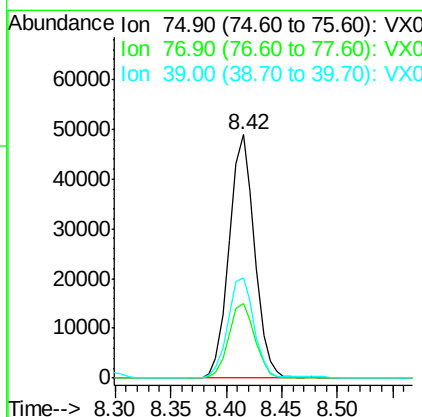
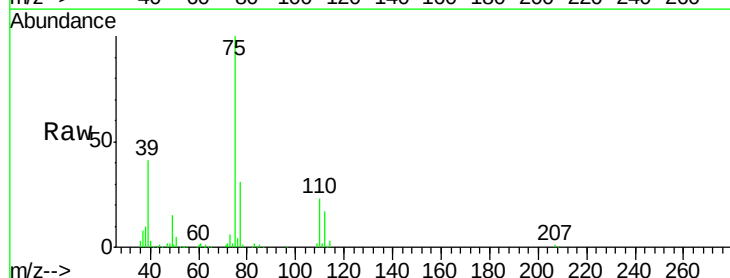
Tgt Ion: 75 Resp: 77514

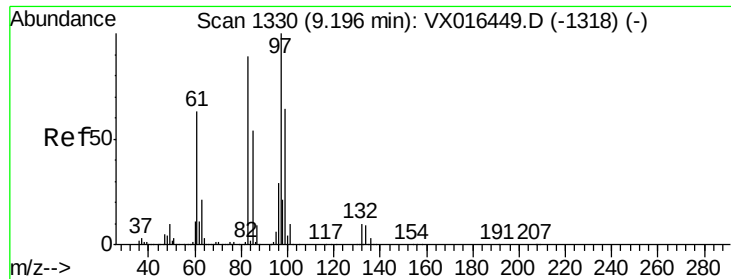
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 41.0 35.3 52.9





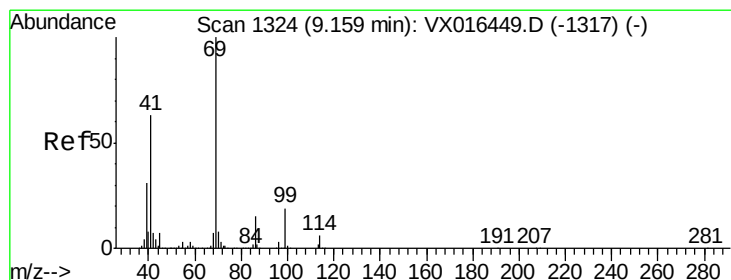
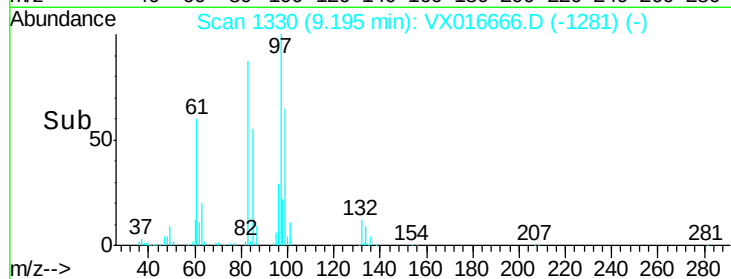
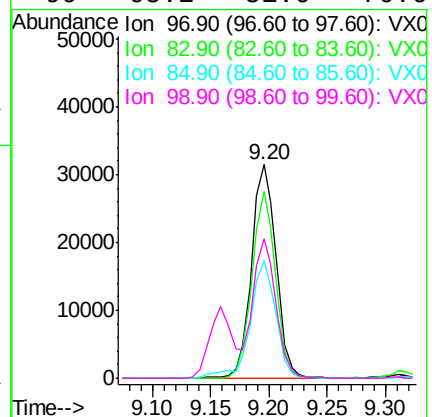
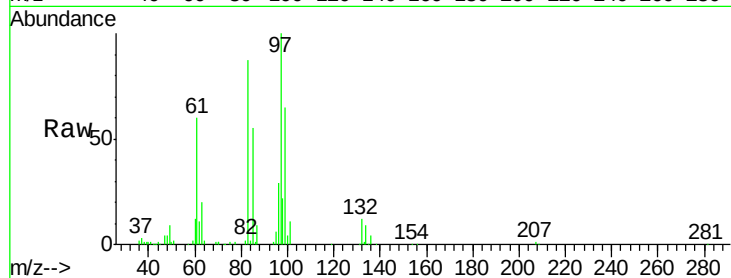
#55
 1,1,2-Trichloroethane
 Concen: 19.342 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion:	97	Resp:	46448
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.9	106.3
85	55.2	43.4	65.2
99	65.2	51.0	76.6

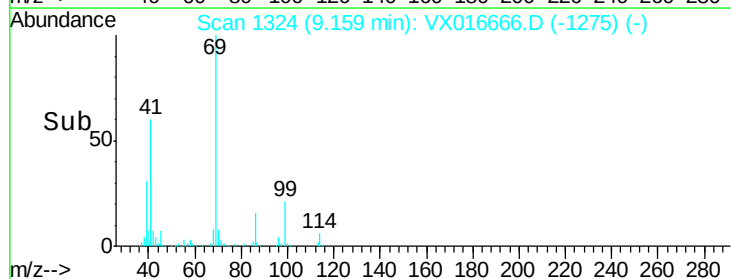
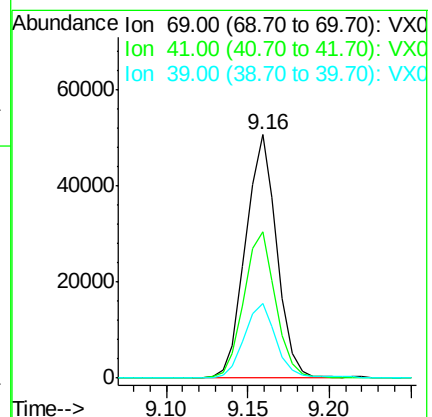
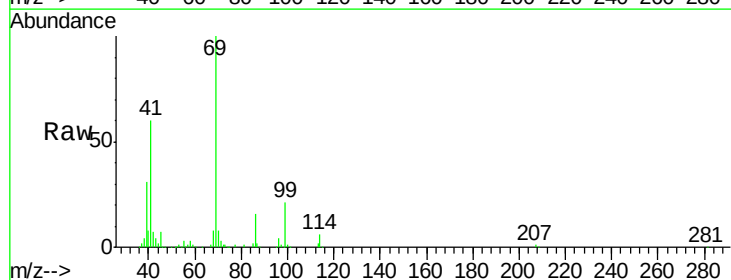
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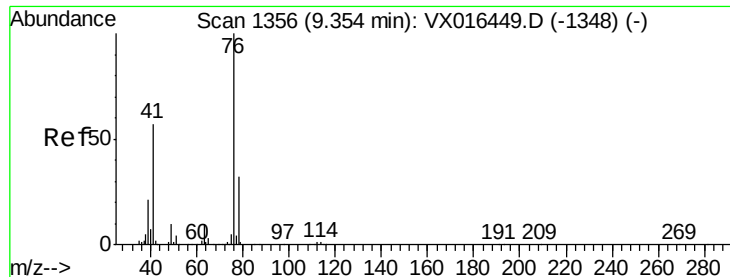
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#56
 Ethyl methacrylate
 Concen: 17.309 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion:	69	Resp:	67696
Ion	Ratio	Lower	Upper
69	100		
41	61.1	50.7	76.1
39	32.4	25.8	38.6





#57

1,3-Dichloropropane

Concen: 18.638 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 76 Resp: 76824

Ion Ratio Lower Upper

76 100

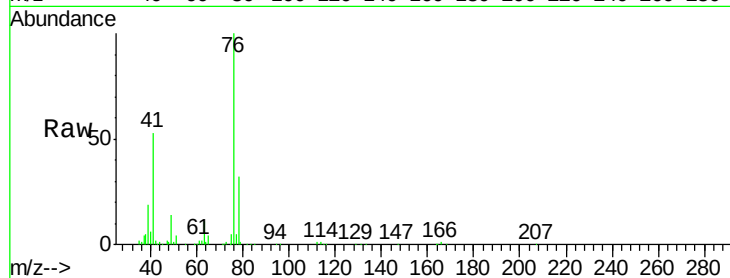
78 32.9 26.2 39.4

Manual Integrations

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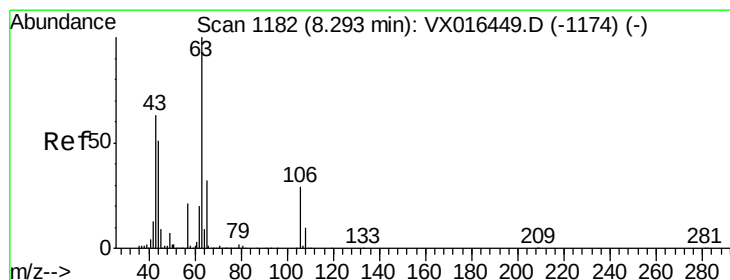
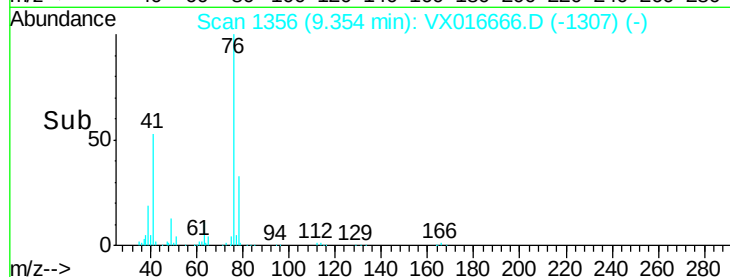
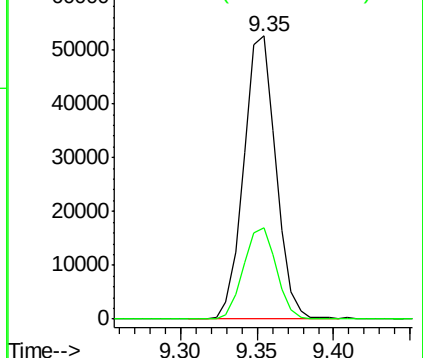
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 82.878 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016666.D

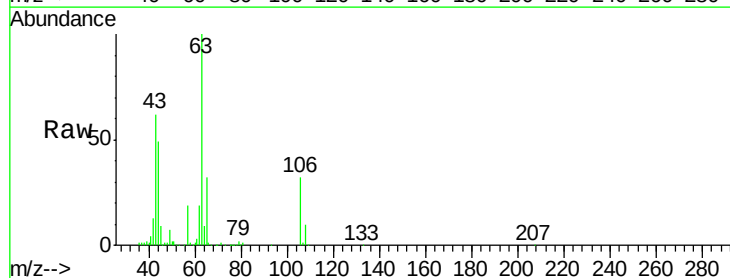
Acq: 10 Jun 2020 11:59

Tgt Ion: 63 Resp: 169182

Ion Ratio Lower Upper

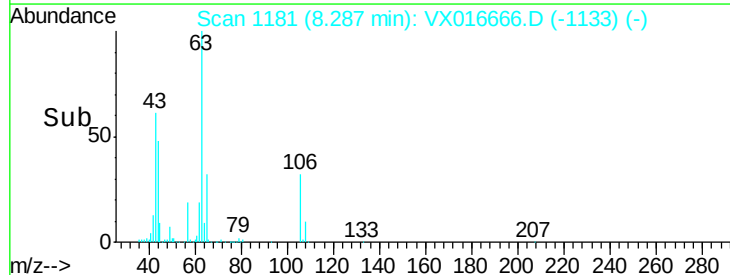
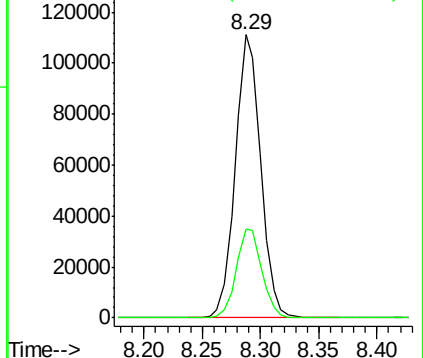
63 100

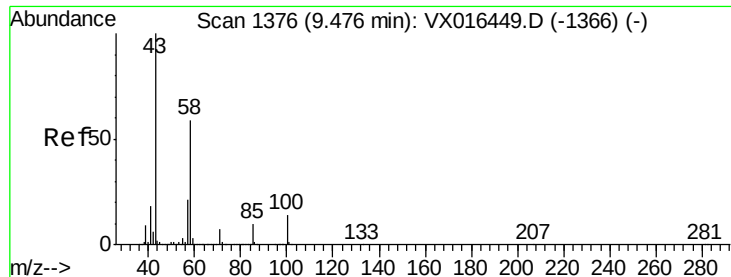
106 32.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





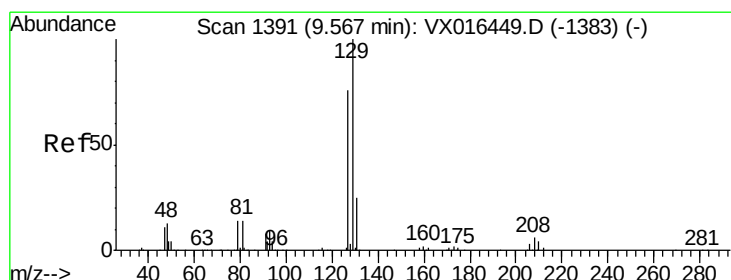
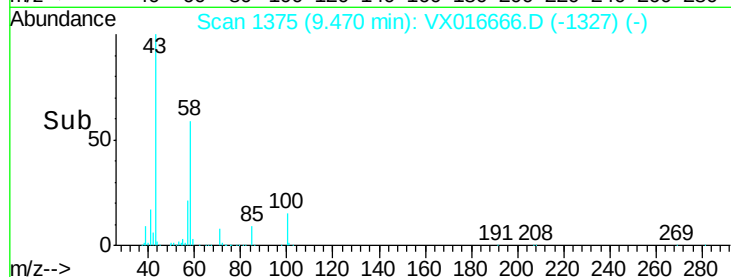
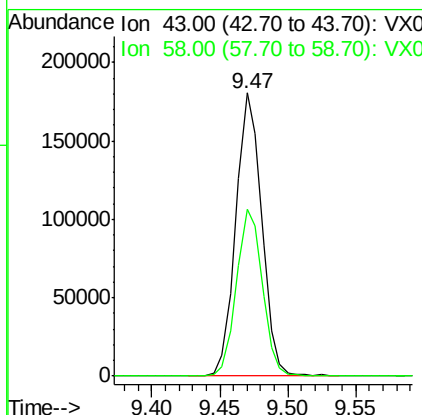
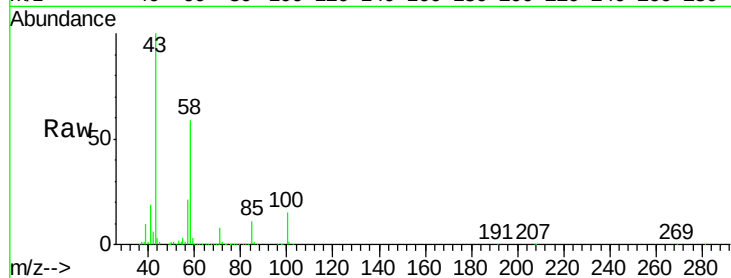
#59
2-Hexanone
Concen: 82.338 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.2	28.8	86.4

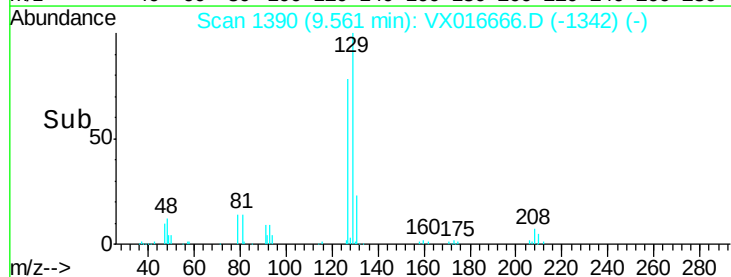
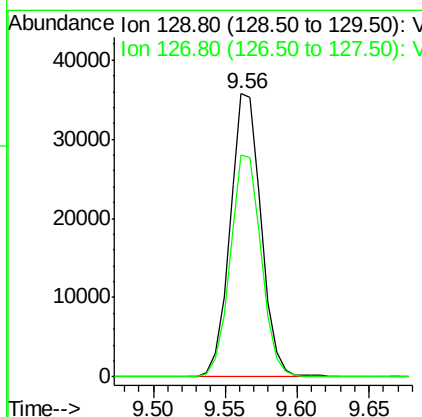
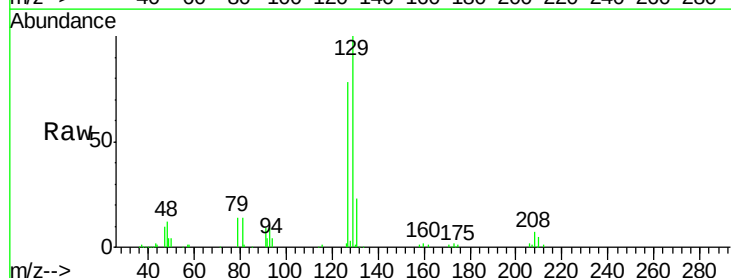
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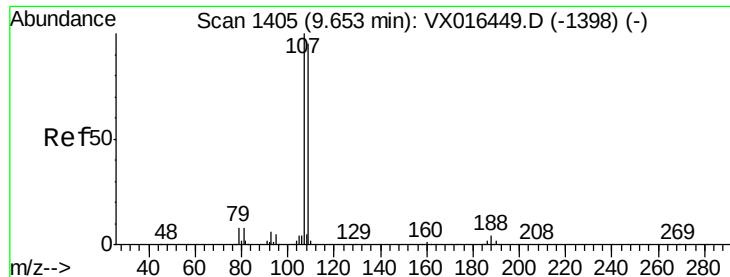
MMDadoda
6/11/2020 12:46:09 PM



#60
Dibromochloromethane
Concen: 19.850 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.6	116.0





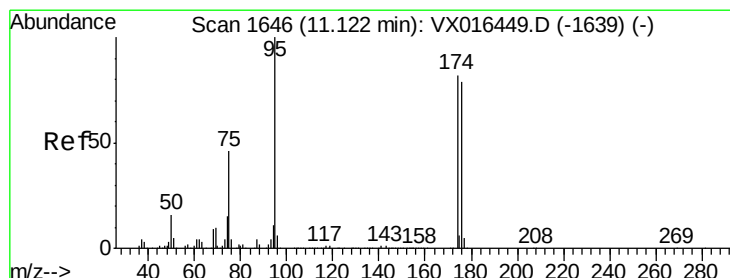
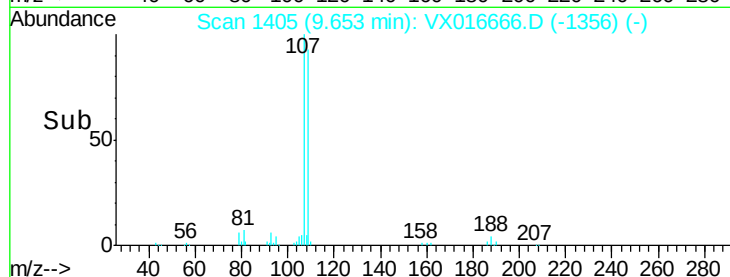
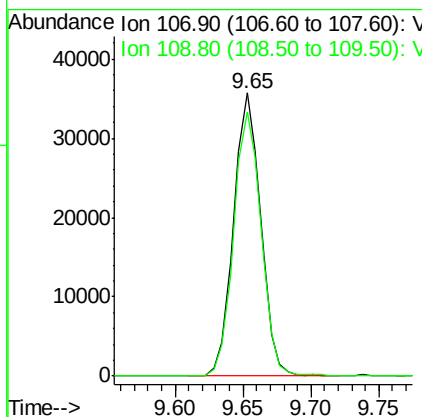
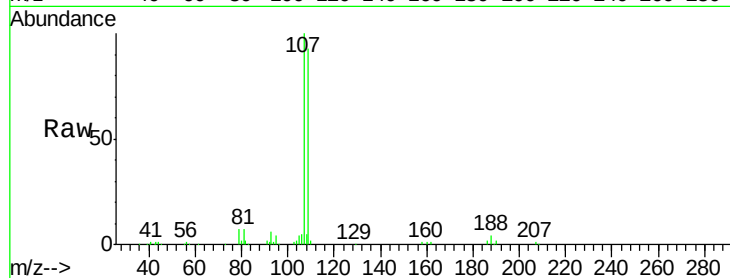
#61
 1,2-Dibromoethane
 Concen: 19.313 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.5	113.3

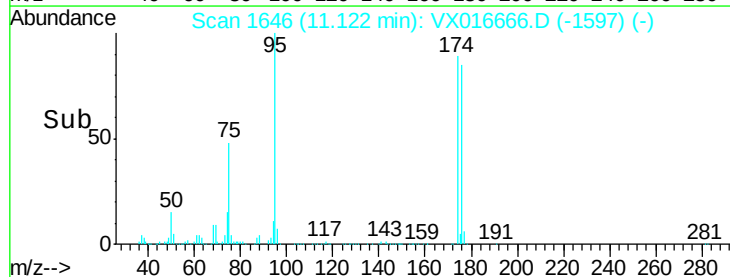
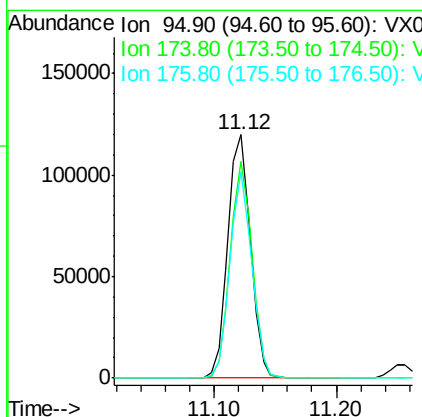
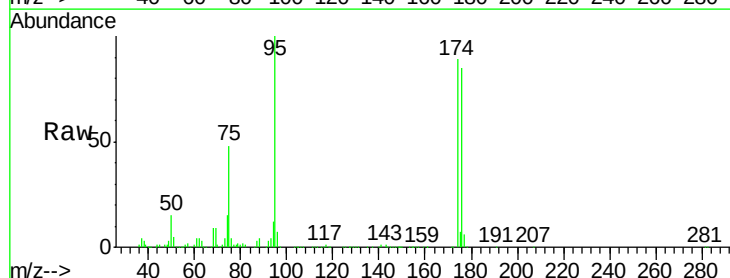
Manual Integrations
 APPROVED

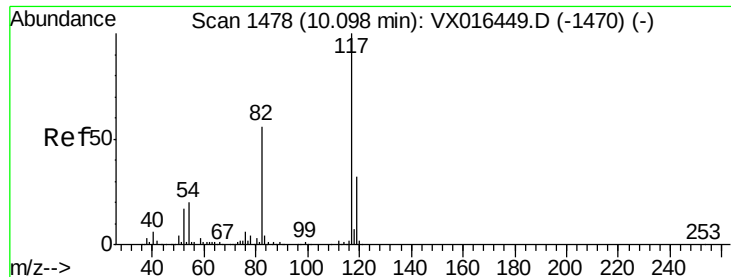
MMDadoda
 6/11/2020 12:46:09 PM



#62
 4-Bromofluorobenzene
 Concen: 48.713 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	163.0
176	81.5	0.0	156.8





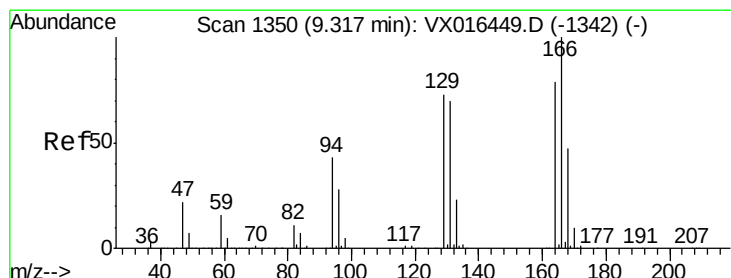
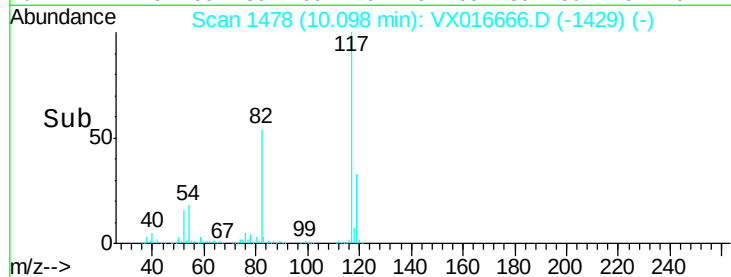
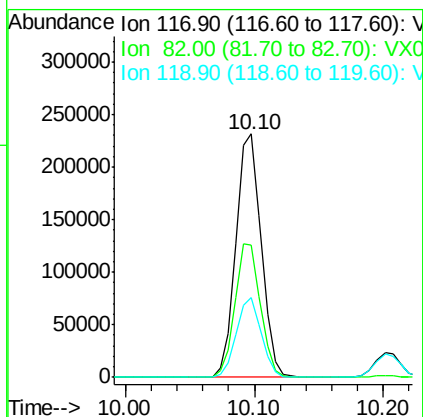
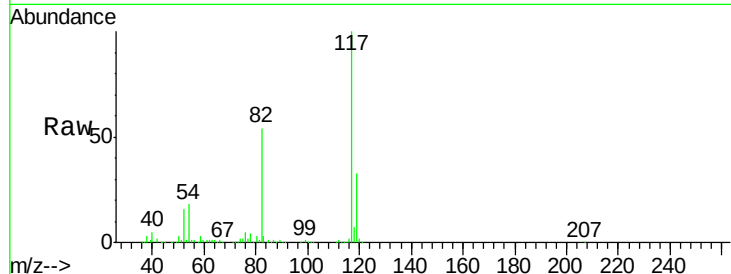
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.6
119	32.6	25.8	38.8

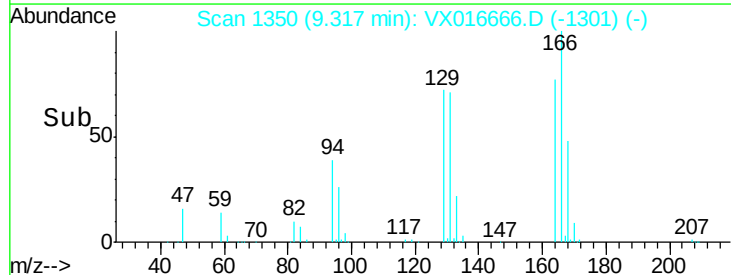
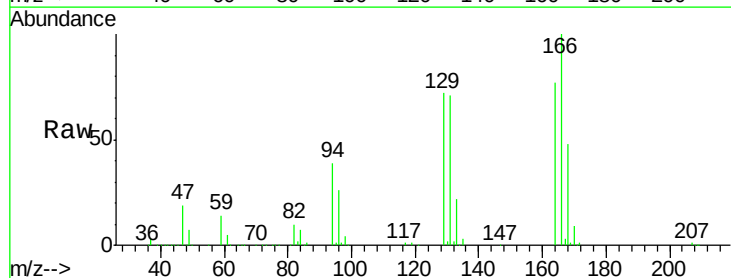
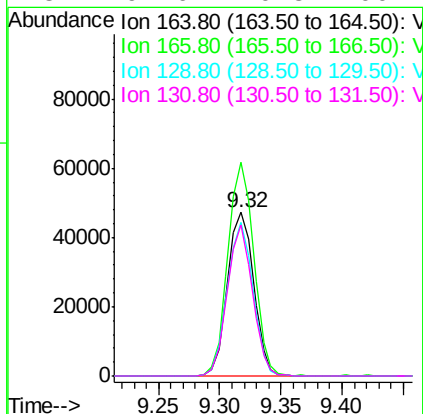
Manual Integrations
APPROVED

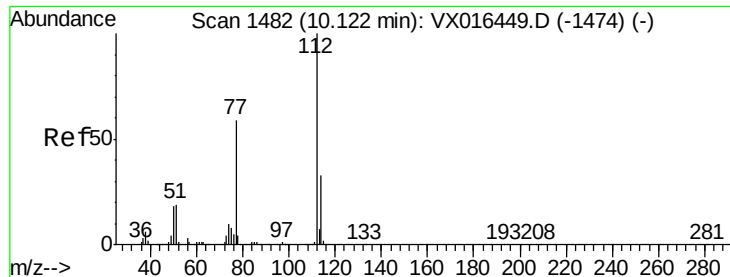
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#64
Tetrachloroethene
Concen: 19.898 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	100.9	151.3
129	94.0	73.2	109.8
131	92.6	70.8	106.2





#65

Chlorobenzene

Concen: 19.127 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion:112 Resp: 123725

Ion Ratio Lower Upper

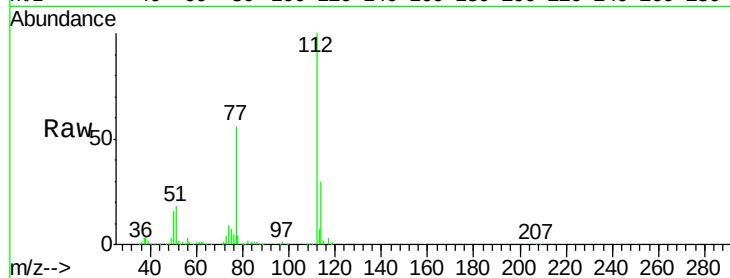
112 100

114 30.4 26.0 39.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

100000

80000

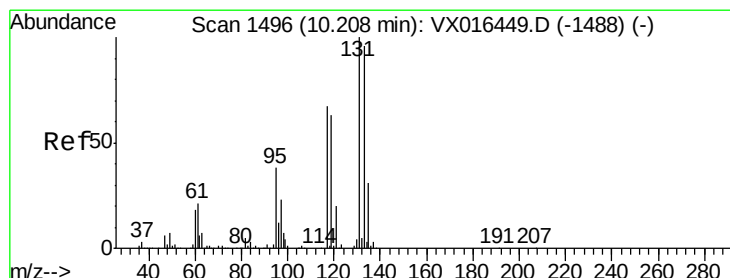
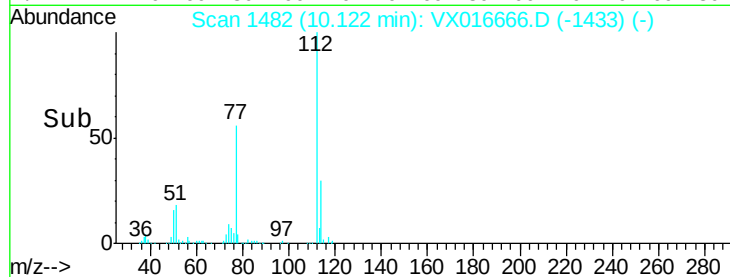
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.763 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

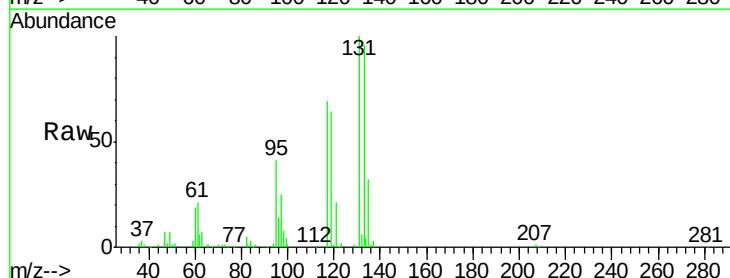
Tgt Ion:131 Resp: 48798

Ion Ratio Lower Upper

131 100

133 96.1 48.4 145.3

119 61.7 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

40000

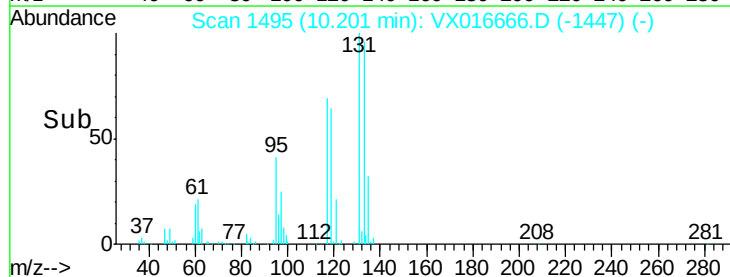
30000

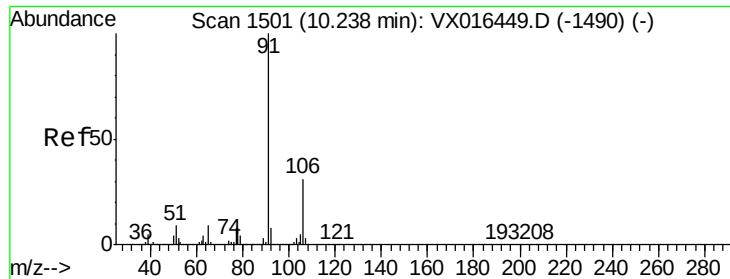
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 18.195 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 91 Resp: 209549

Ion Ratio Lower Upper

91 100

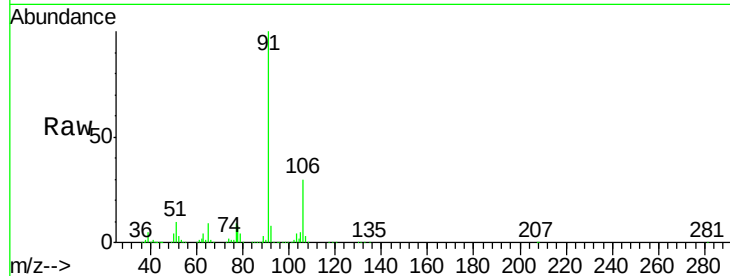
106 30.2 25.0 37.4

Manual Integrations

APPROVED

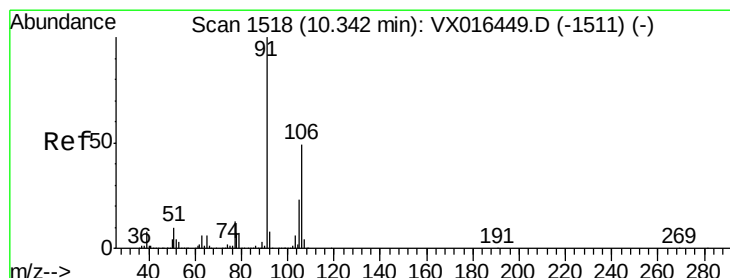
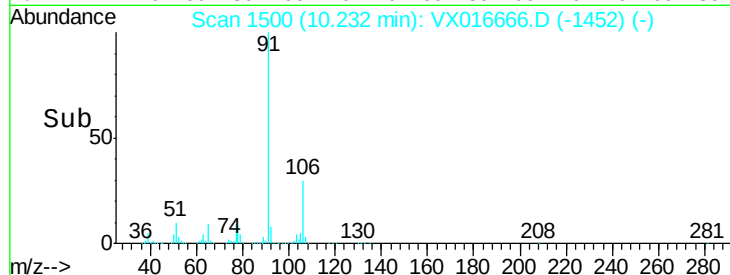
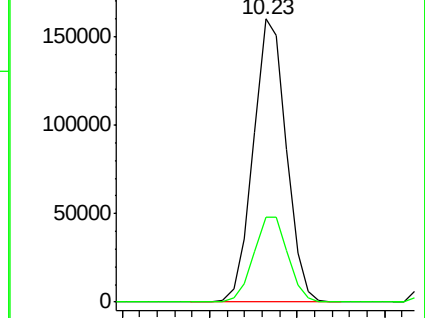
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.026 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016666.D

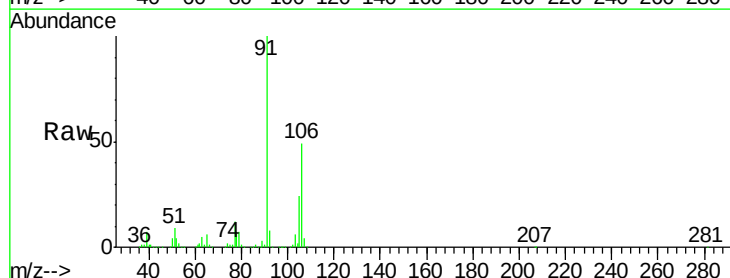
Acq: 10 Jun 2020 11:59

Tgt Ion: 106 Resp: 162372

Ion Ratio Lower Upper

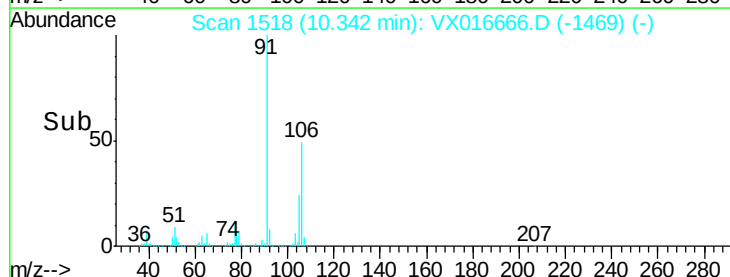
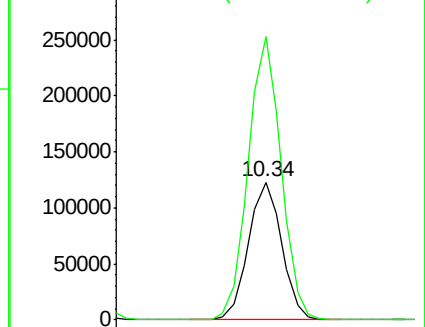
106 100

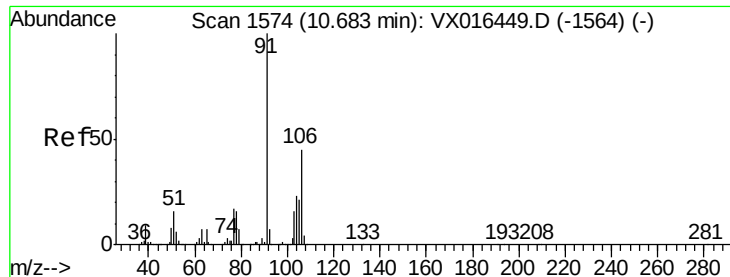
91 203.2 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





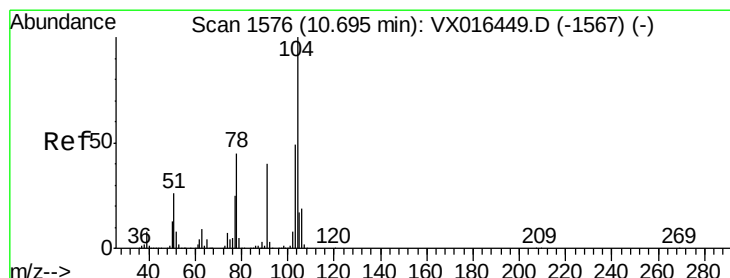
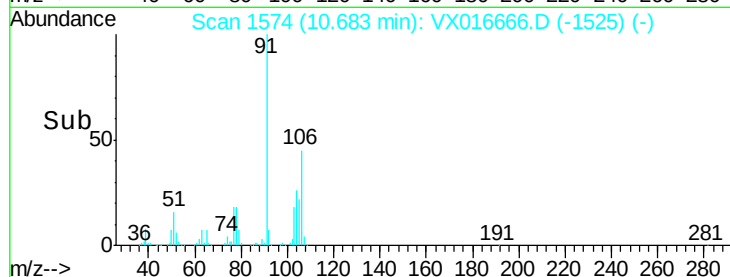
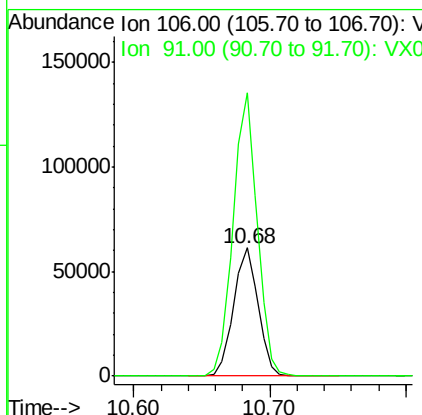
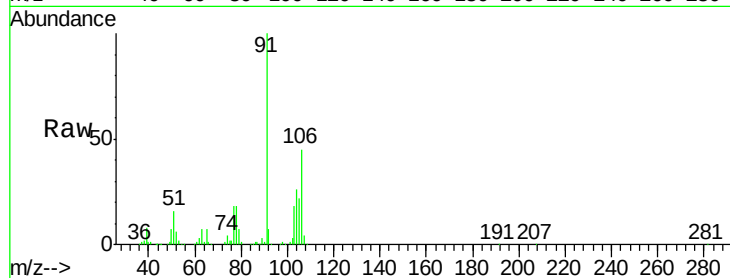
#69
o-Xylene
Concen: 18.706 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampled :
VX0610WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.1	109.6	328.8	

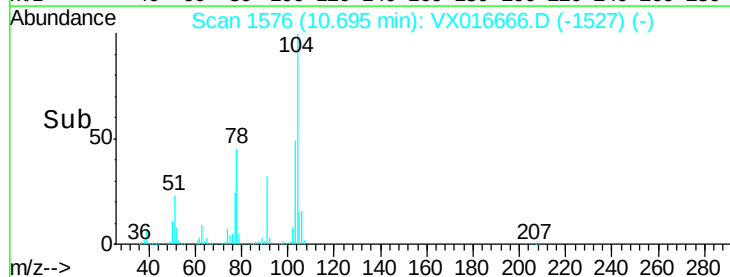
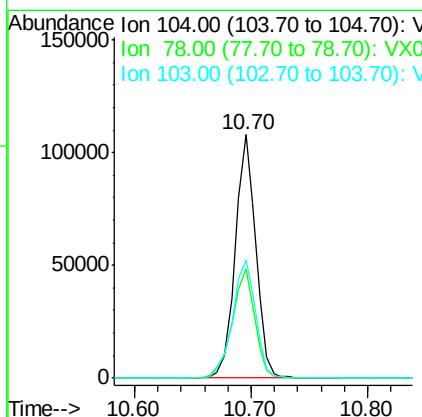
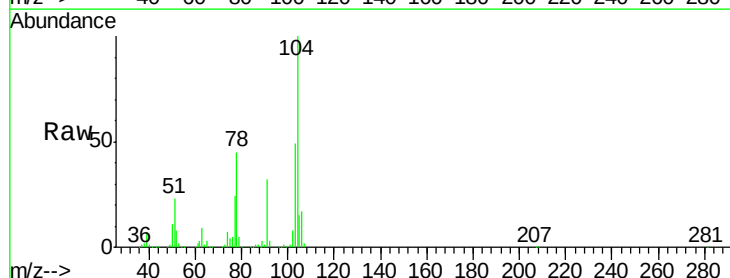
Manual Integrations
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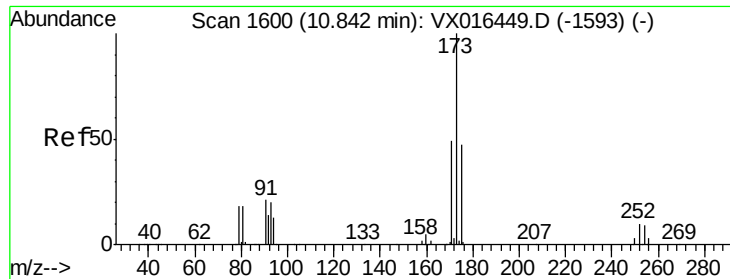
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#70
Styrene
Concen: 18.711 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.8	40.2	60.2	
103	54.2	43.1	64.7	





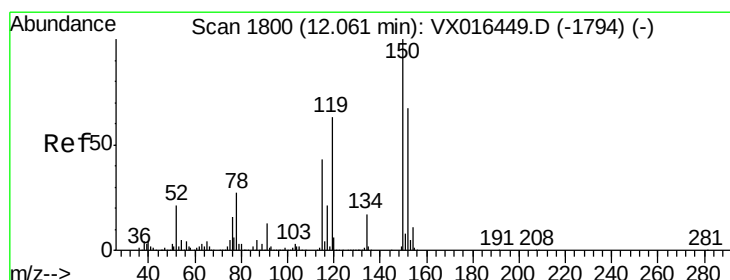
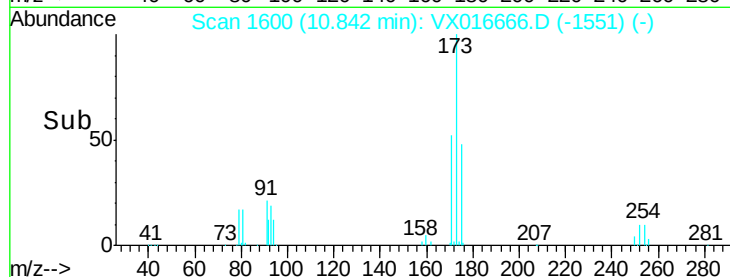
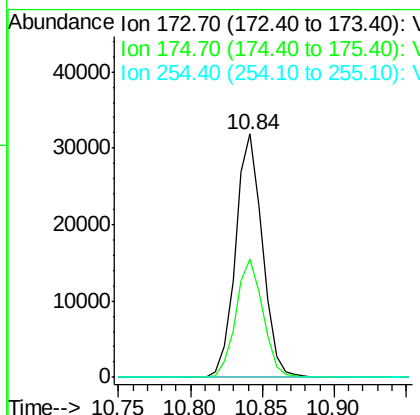
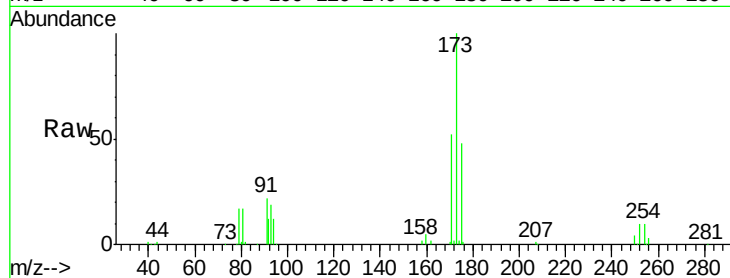
#71
Bromoform
Concen: 19.849 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.9	71.7
254	0.2	0.1	0.1#

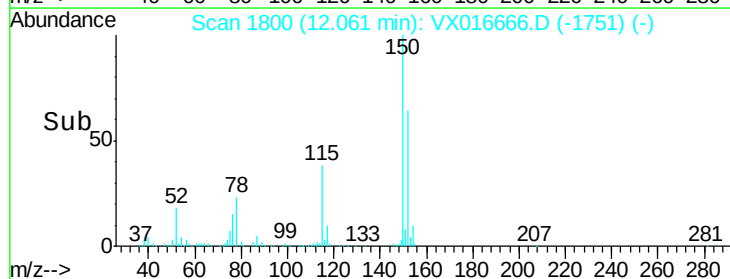
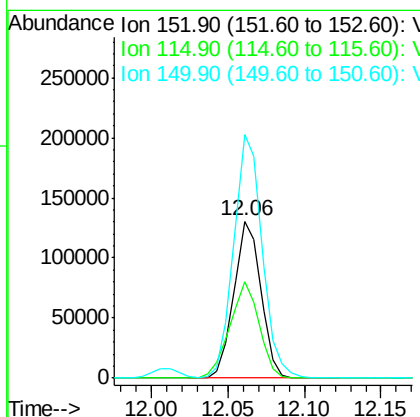
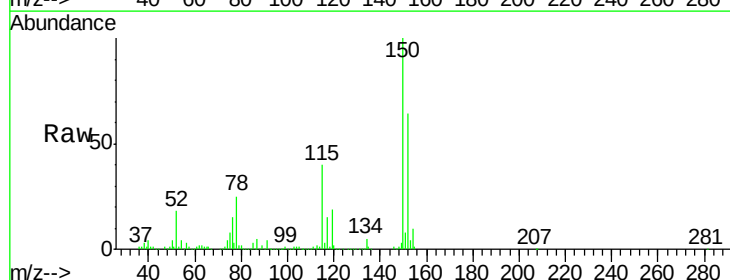
Manual Integrations
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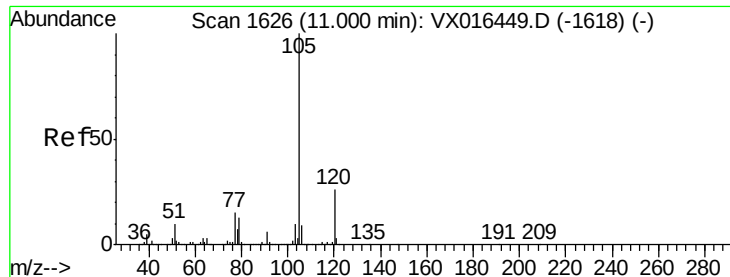
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	39.9	119.6
150	163.0	0.0	341.0





#73

Isopropylbenzene

Concen: 18.892 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 105 Resp: 209651

Ion Ratio Lower Upper

105 100

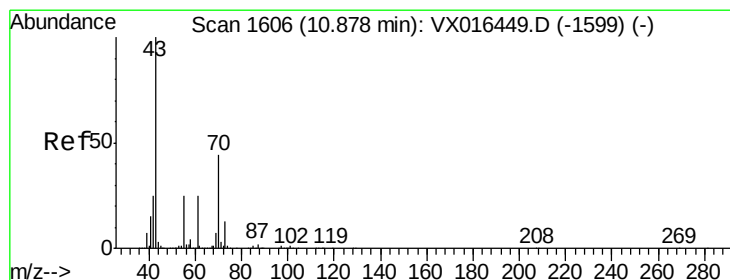
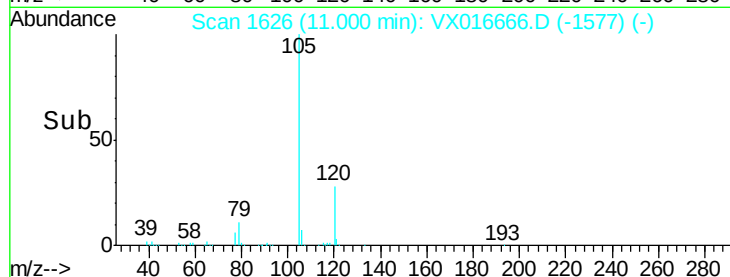
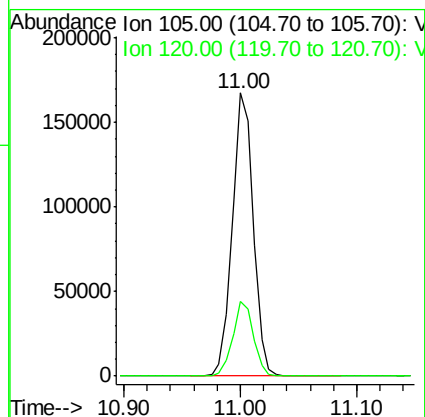
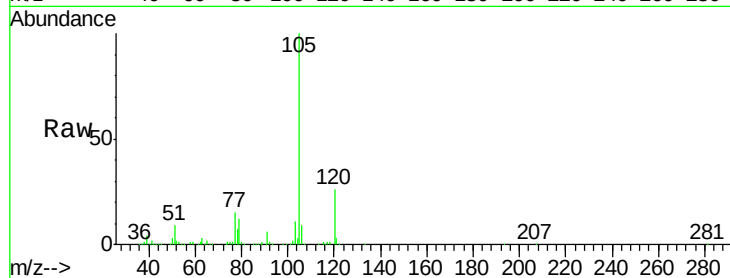
120 25.9 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 15.638 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion: 43 Resp: 79828

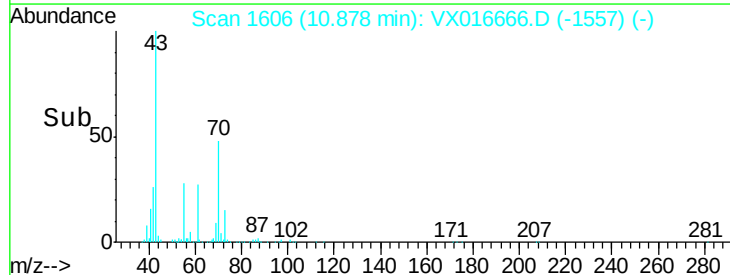
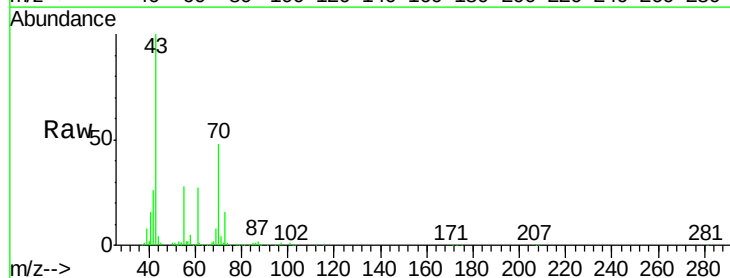
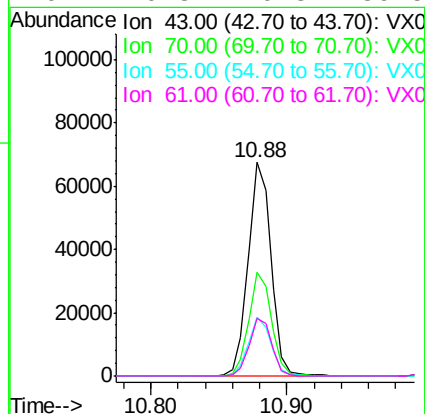
Ion Ratio Lower Upper

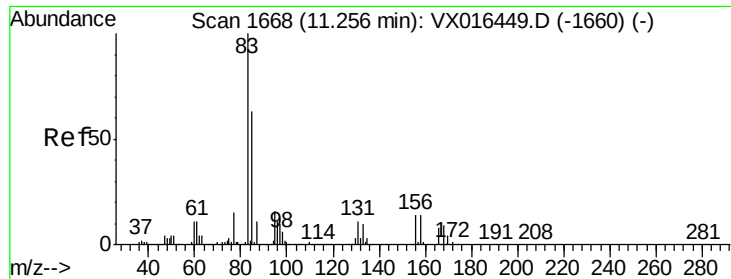
43 100

70 48.4 36.1 54.1

55 27.4 20.2 30.4

61 26.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.117 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

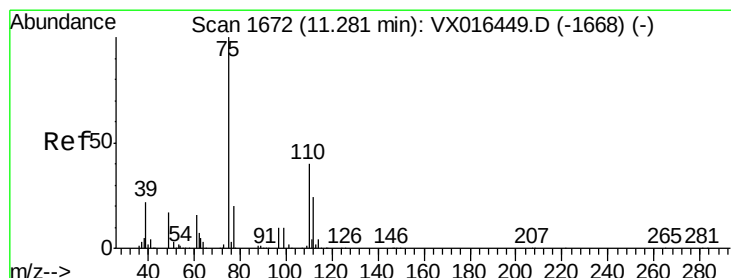
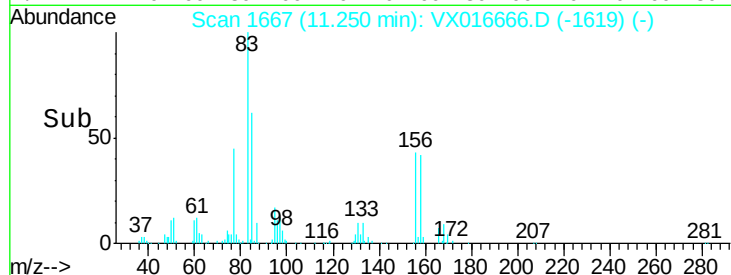
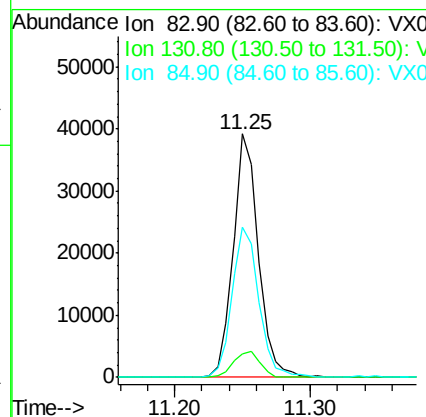
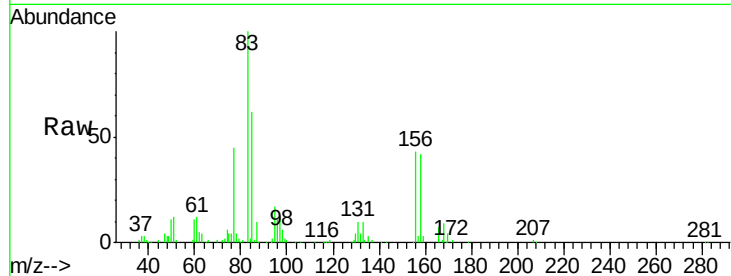
ClientSampleId :

VX0610WBS01

Tot Ion:	83	Resp:	50388
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.1	15.3
85	65.7	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.527 ug/l m

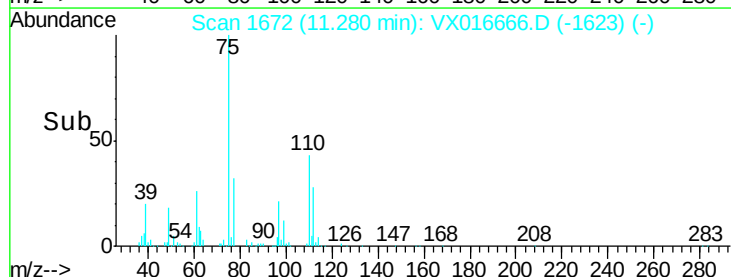
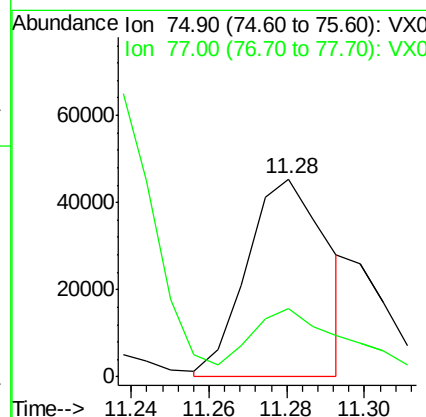
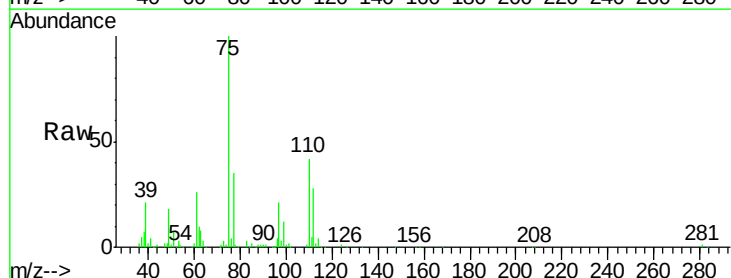
RT: 11.28 min Scan# 1672

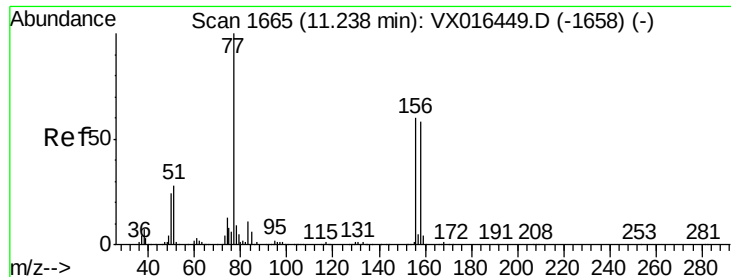
Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion:	75	Resp:	65225
Ion Ratio	Lower	Upper	
75	100		
77	42.1	21.3	63.7





#77

Bromobenzene

Concen: 19.228 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

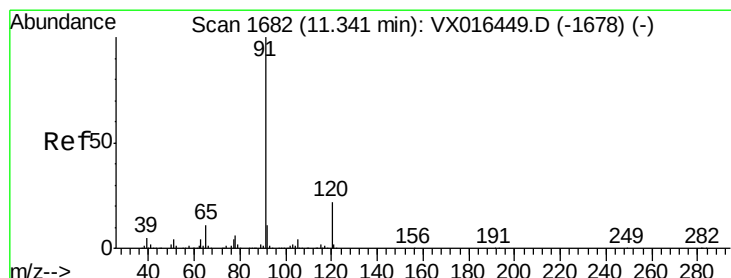
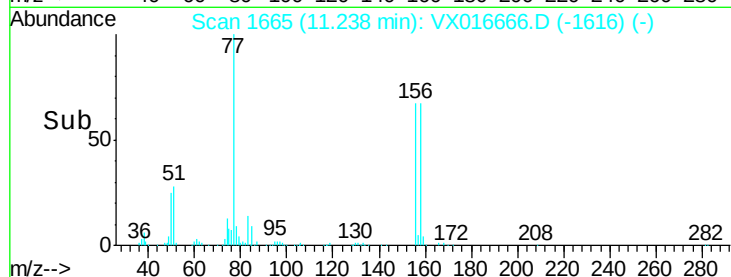
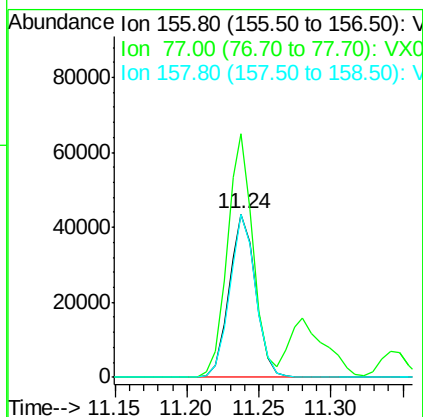
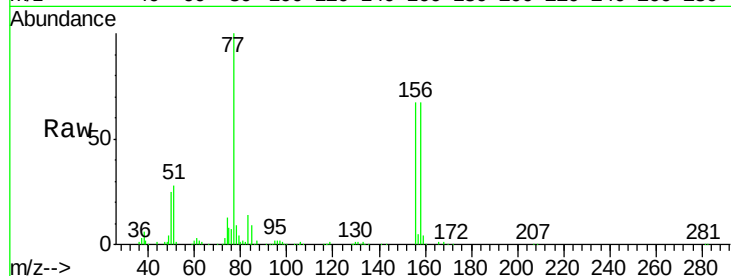
ClientSampleId :

VX0610WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.0	79.6	238.8
158	97.7	48.1	144.4

Manual Integrations
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6/11/2020 12:46:09 PM



#78

n-propylbenzene

Concen: 18.321 ug/l

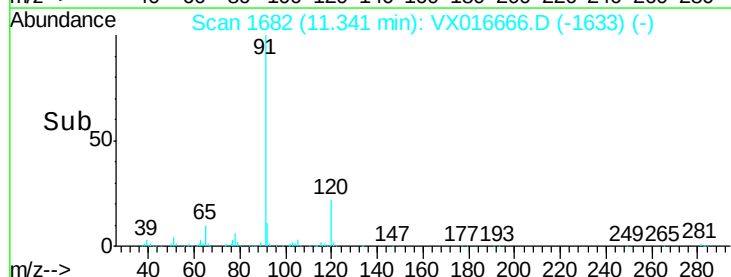
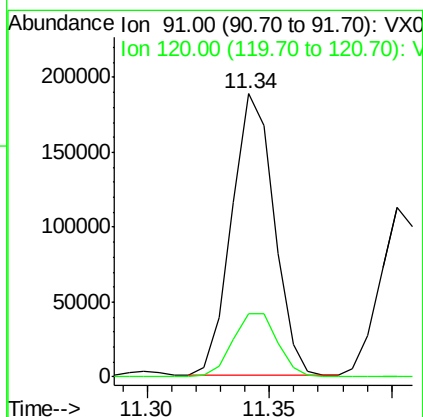
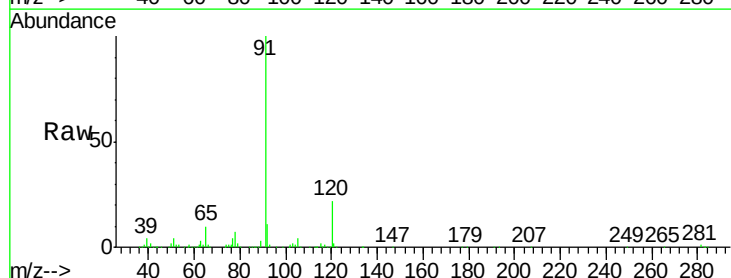
RT: 11.34 min Scan# 1682

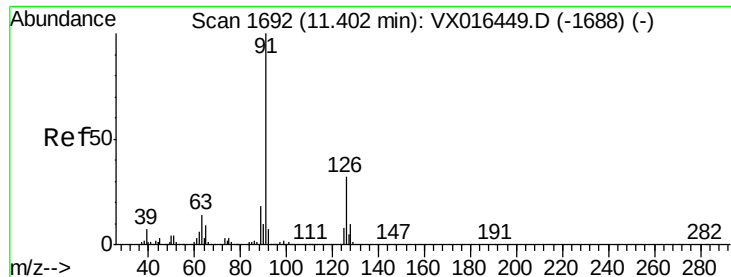
Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.6	34.7





#79

2-Chlorotoluene

Concen: 18.671 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS01

Tot Ion: 91 Resp: 141302

Ion Ratio Lower Upper

91 100

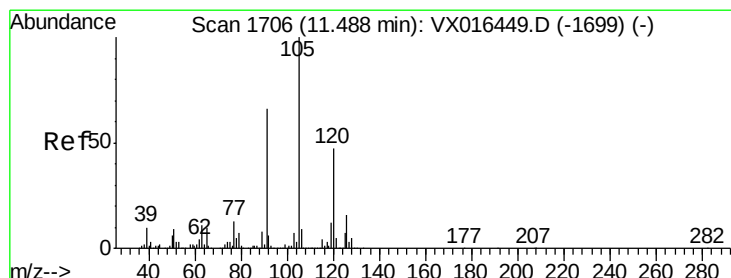
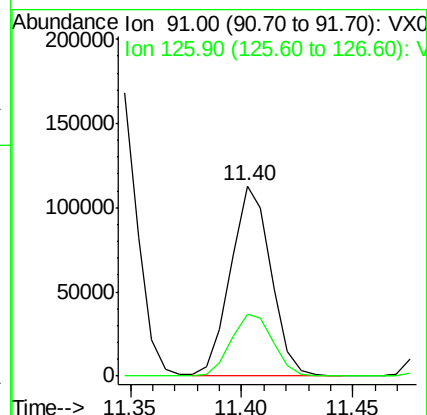
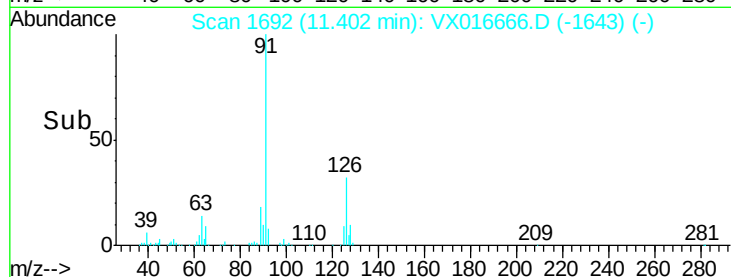
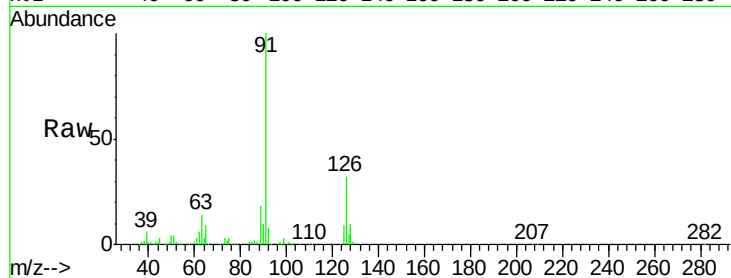
126 34.0 16.8 50.3

Manual Integrations

APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 19.071 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016666.D

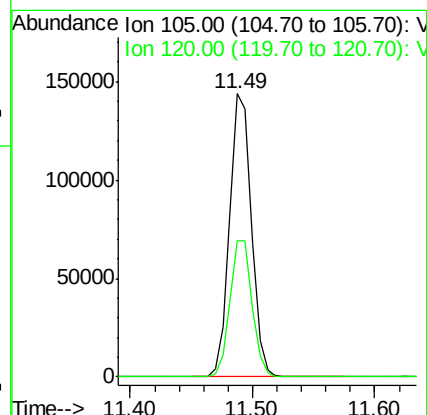
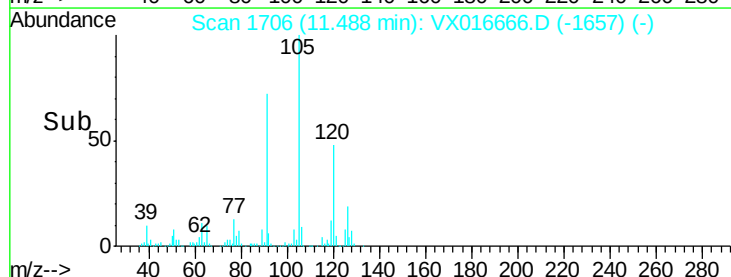
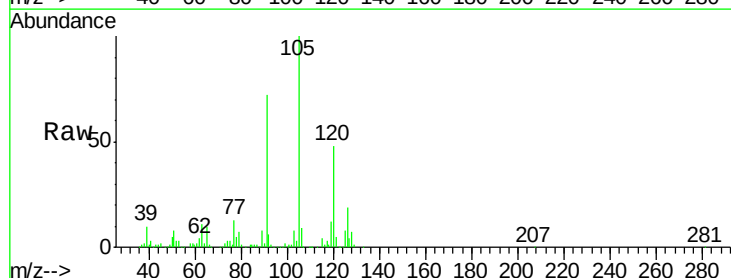
Acq: 10 Jun 2020 11:59

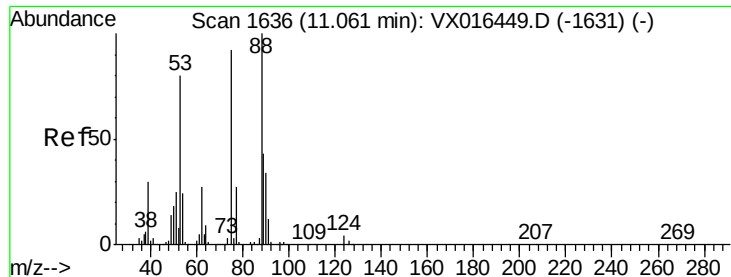
Tgt Ion: 105 Resp: 176722

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.613 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

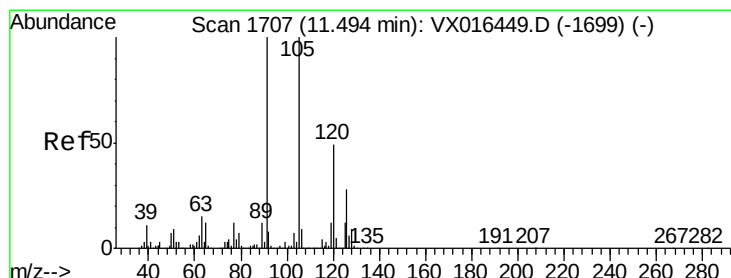
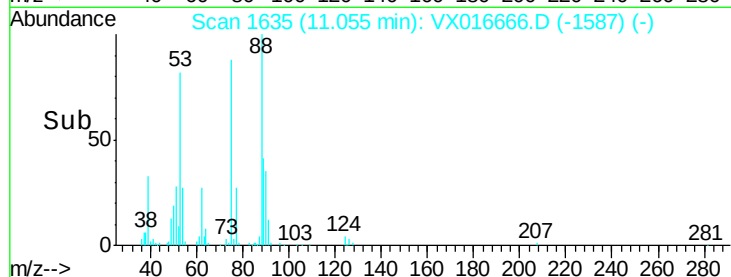
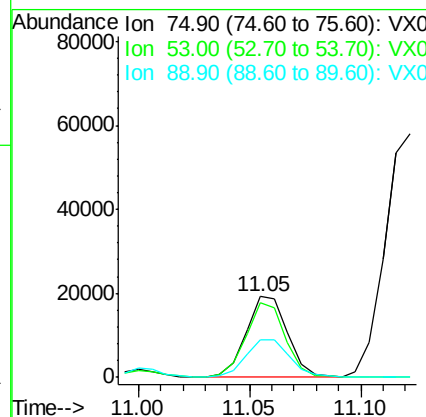
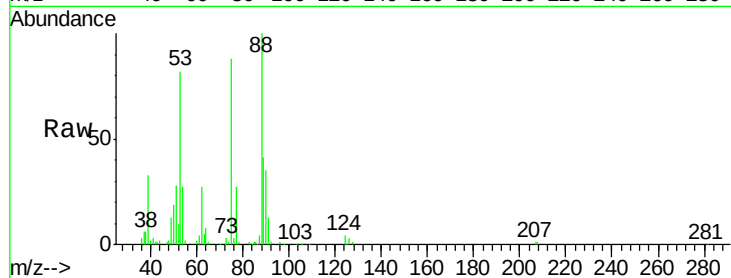
ClientSampleId :

VX0610WBS01

Tot Ion:	75	Resp:	25208
Ion	Ratio	Lower	Upper
75	100		
53	88.8	71.3	106.9
89	50.0	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.693 ug/l

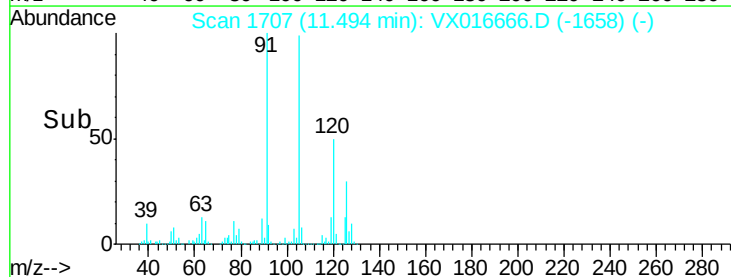
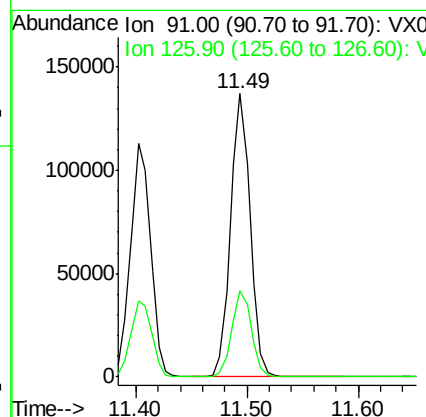
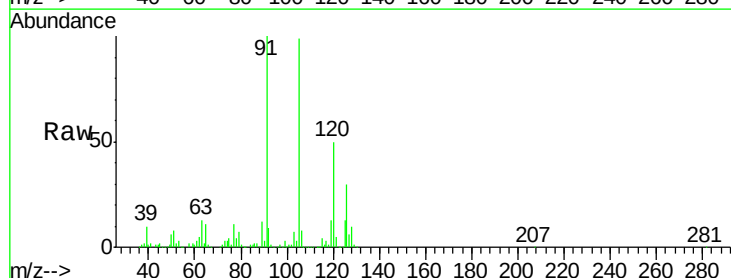
RT: 11.49 min Scan# 1707

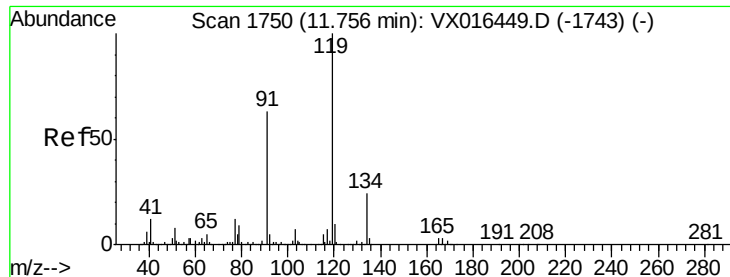
Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion:	91	Resp:	167060
Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.7	44.1





#83

tert-Butylbenzene

Concen: 18.685 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Instrument :

MSVOA_X

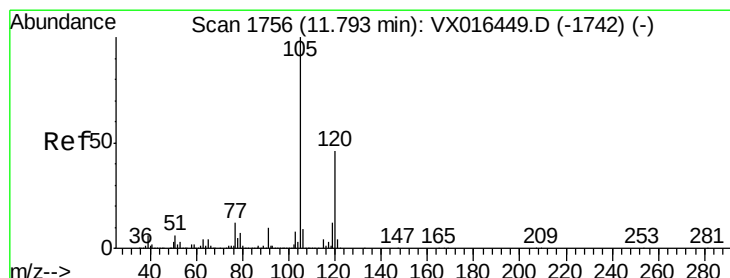
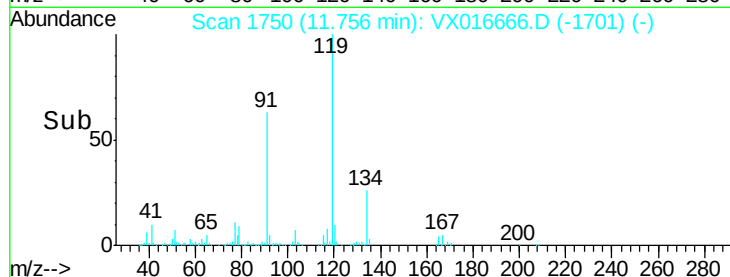
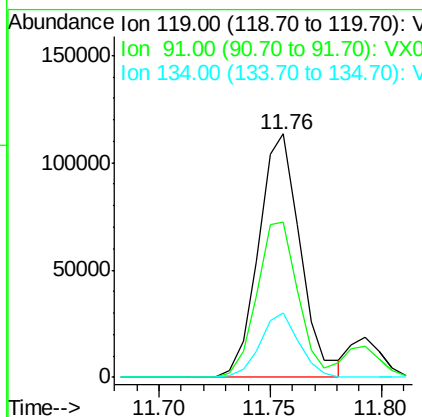
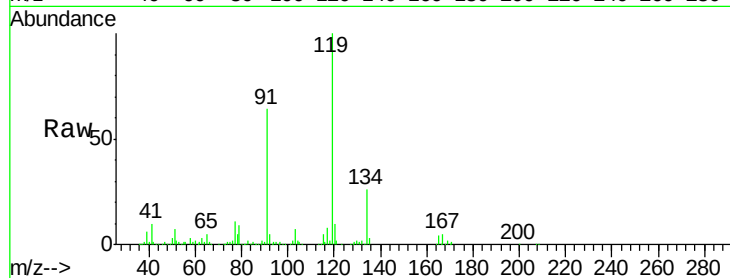
ClientSampled :

VX0610WBS01

Tot Ion:	119	Resp:	147938
Ion Ratio	Lower	Upper	
119	100		
91	62.9	31.3	93.8
134	24.4	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.674 ug/l

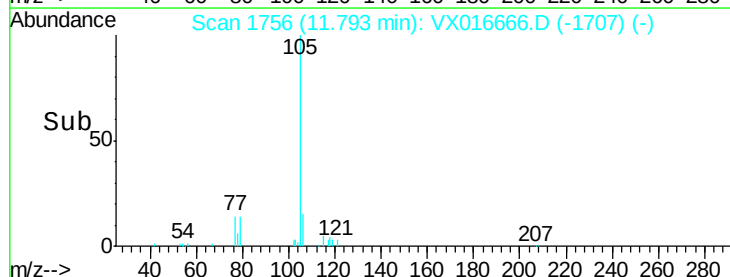
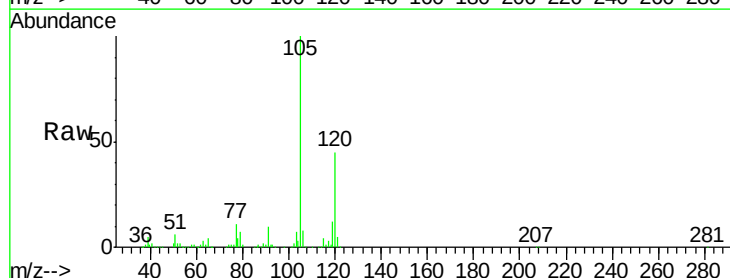
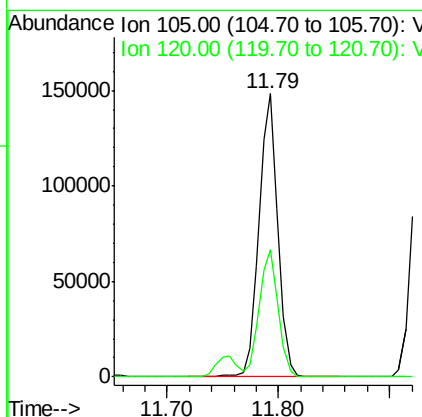
RT: 11.79 min Scan# 1756

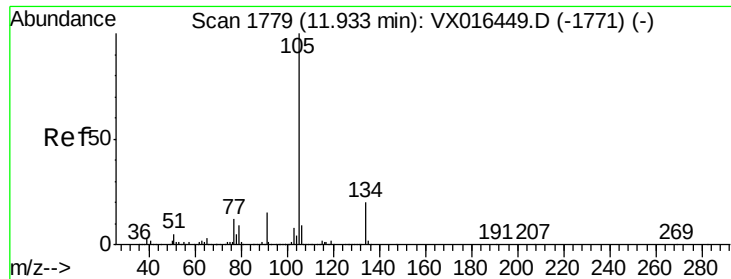
Delta R.T. -0.00 min

Lab File: VX016666.D

Acq: 10 Jun 2020 11:59

Tgt Ion:	105	Resp:	175002
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.7





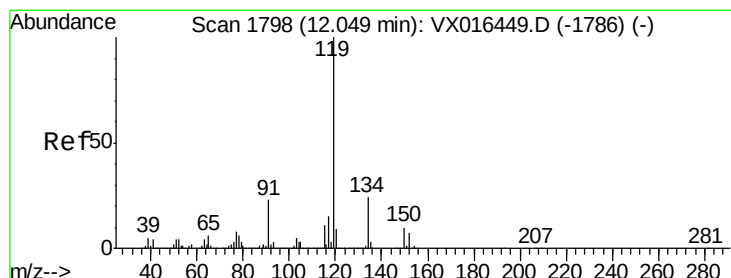
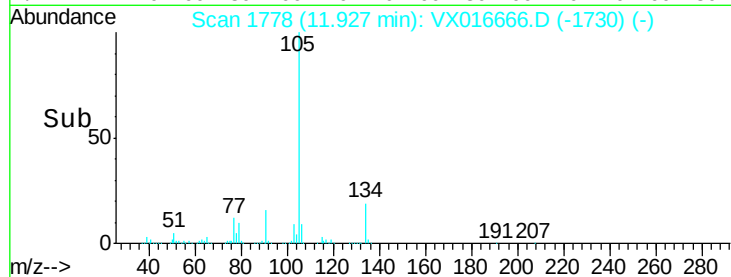
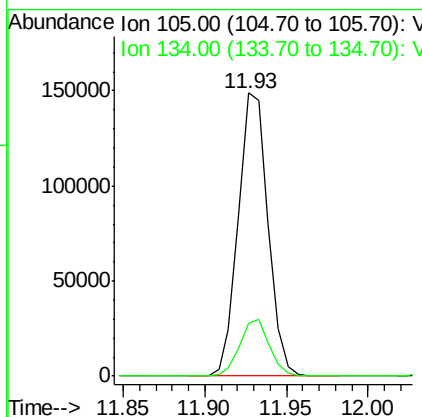
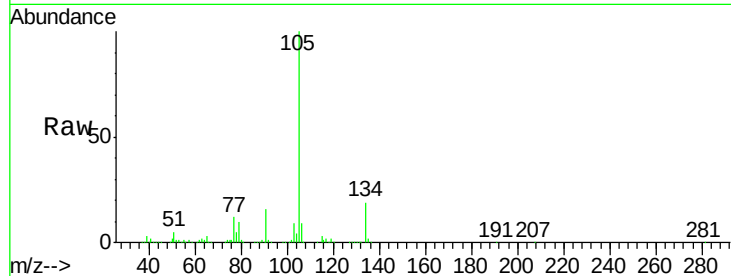
#85
 sec-Butylbenzene
 Concen: 19.125 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	189959		
134	19.9	10.1	30.3	

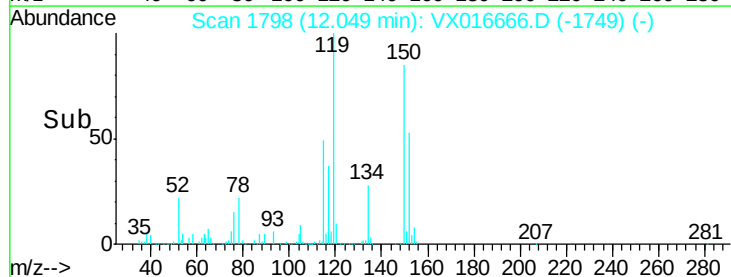
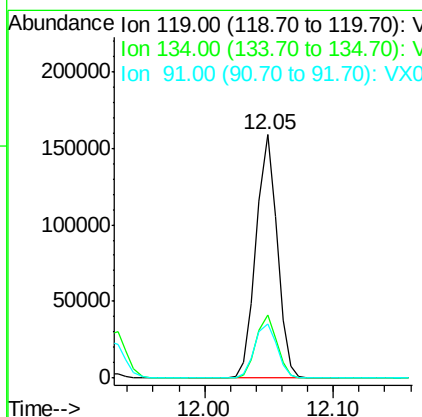
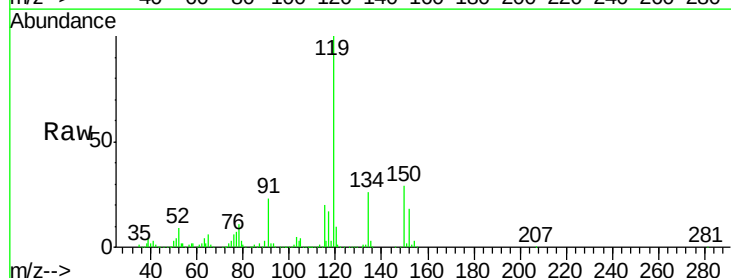
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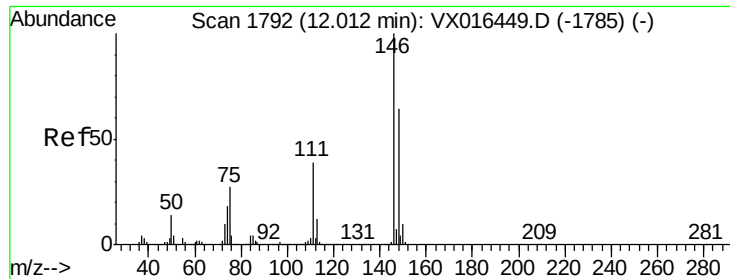
MMDadoda
 6/11/2020 12:46:09 PM



#86
 p-Isopropyltoluene
 Concen: 19.192 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	178560		
134	25.7	12.7	38.0	
91	24.0	11.7	35.0	





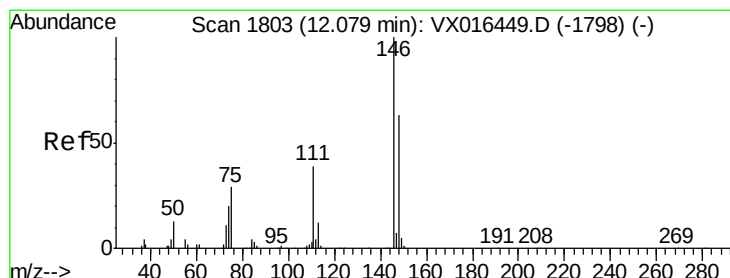
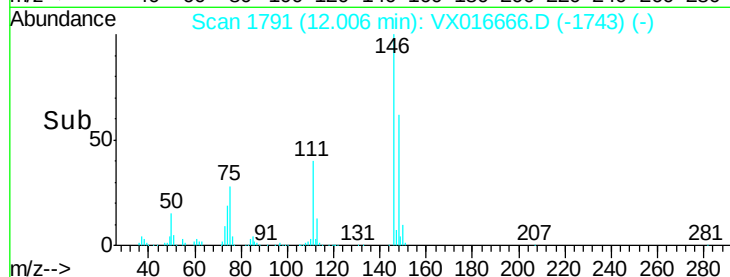
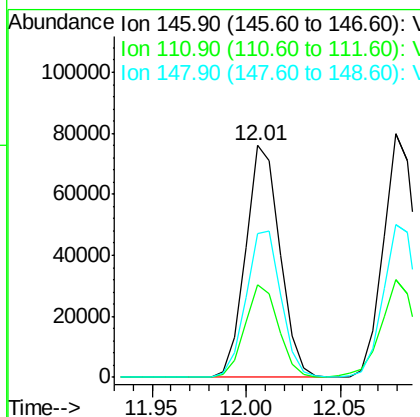
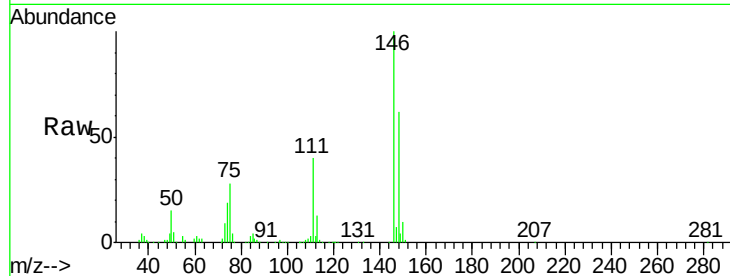
#87
 1,3-Dichlorobenzene
 Concen: 19.017 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	60.0
148	64.5	31.9	95.5

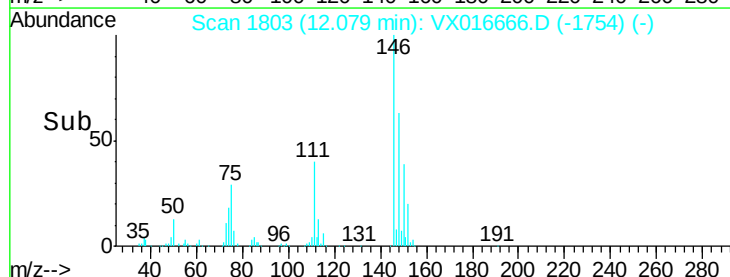
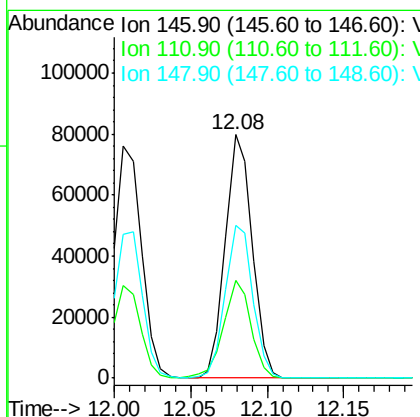
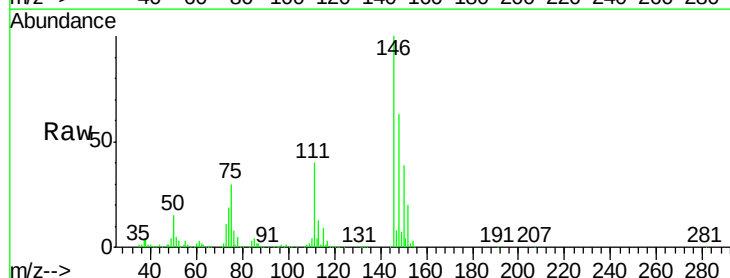
Manual Integrations
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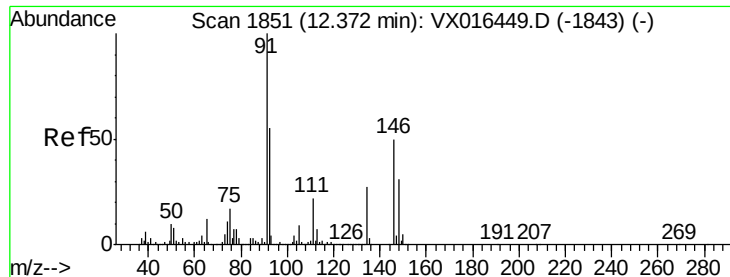
MMDadoda
 6/11/2020 12:46:09 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.872 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.4	58.2
148	64.7	31.4	94.3





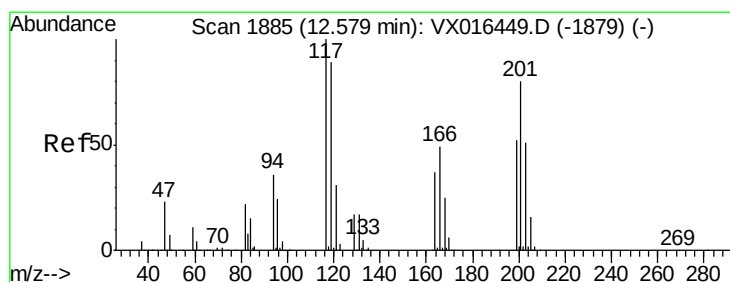
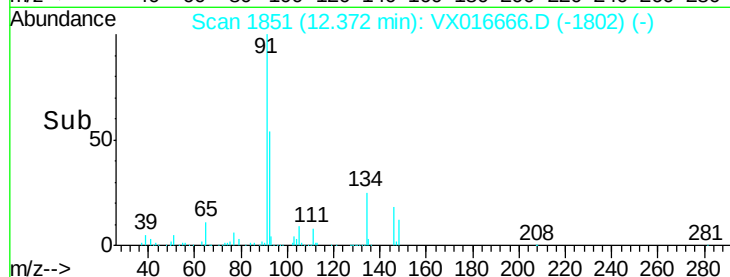
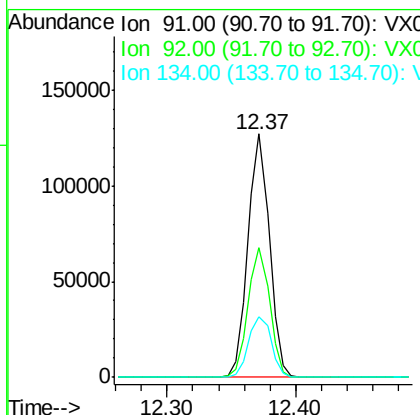
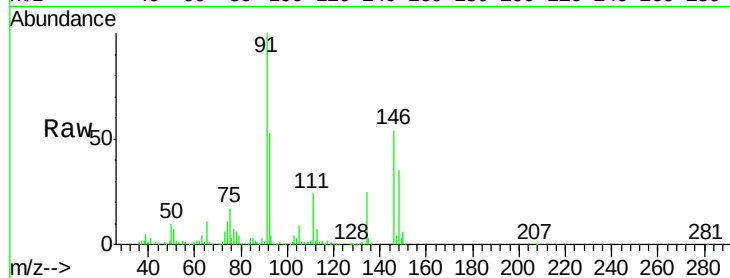
#89
n-Butylbenzene
Concen: 18.757 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.5
134	26.5	13.1	39.3

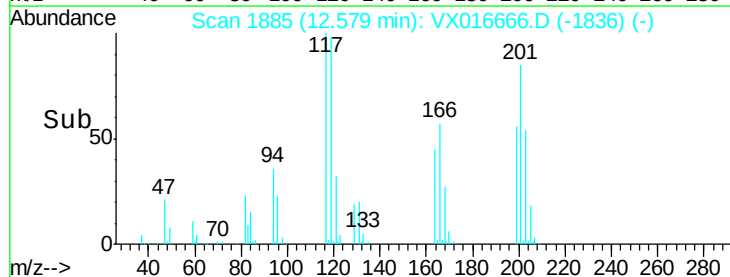
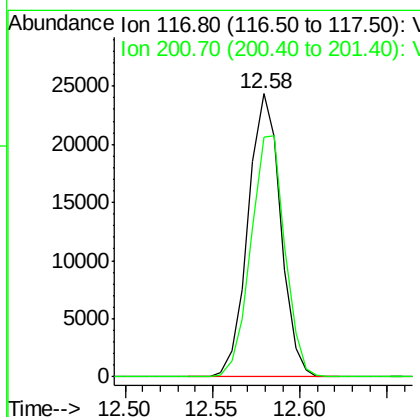
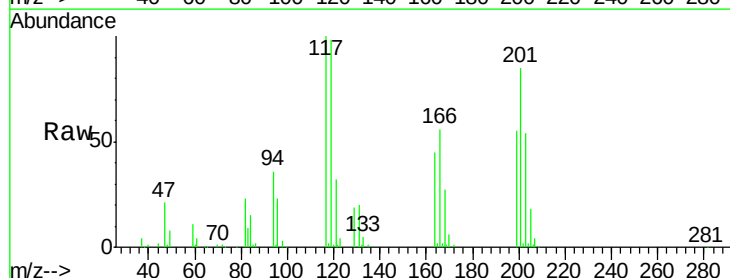
Manual Integrations
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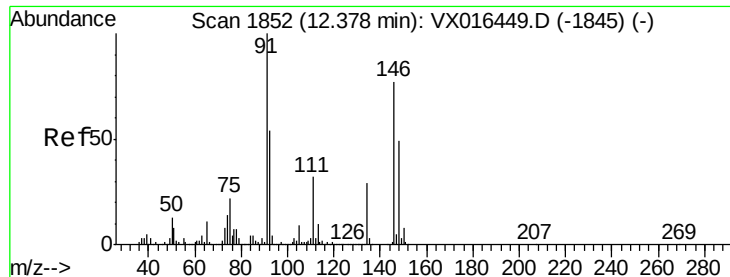
MMDadoda
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#90
Hexachloroethane
Concen: 19.589 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	43.1	129.3





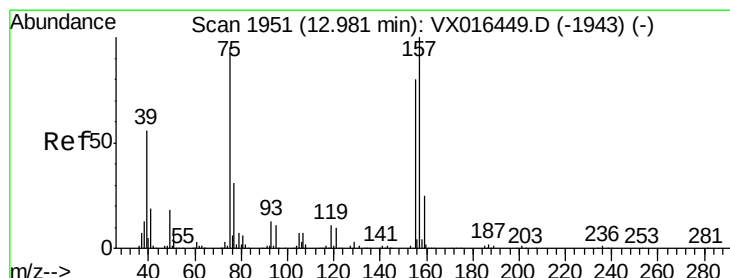
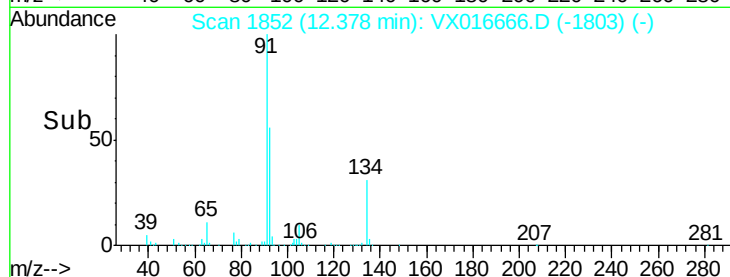
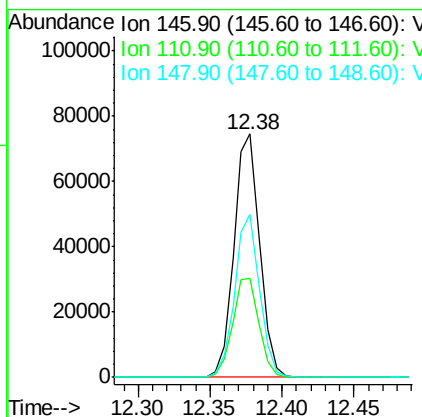
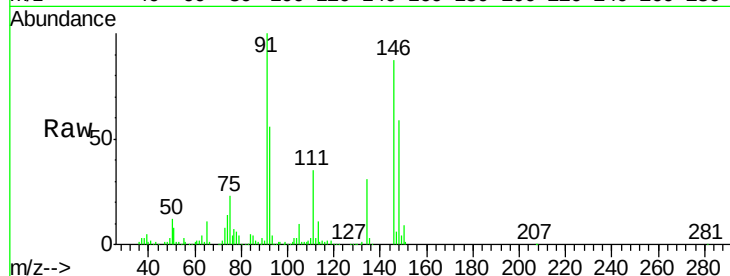
#91
1,2-Dichlorobenzene
Concen: 19.014 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.4	64.3
148	65.1	31.9	95.7

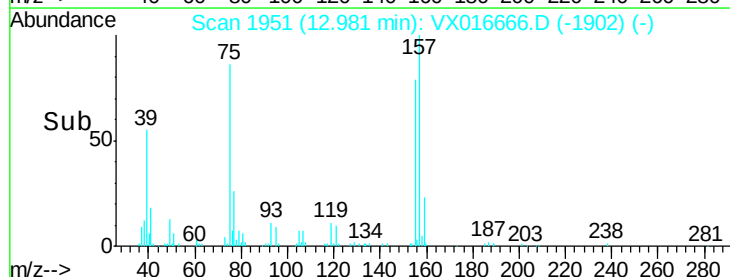
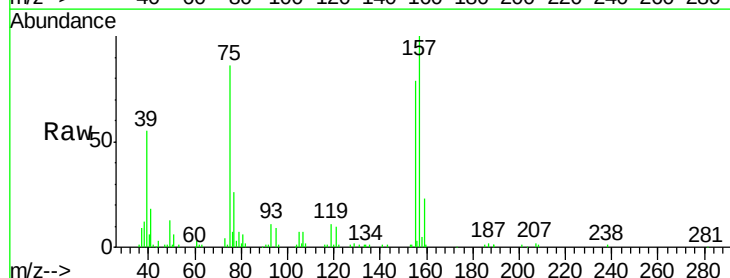
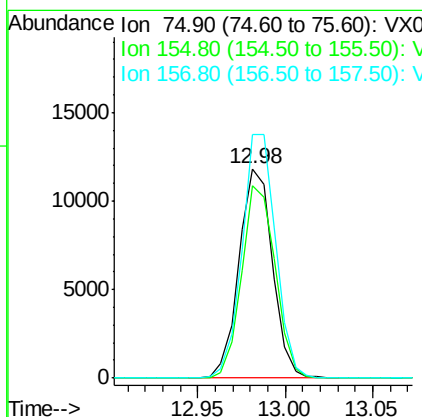
Manual Integrations
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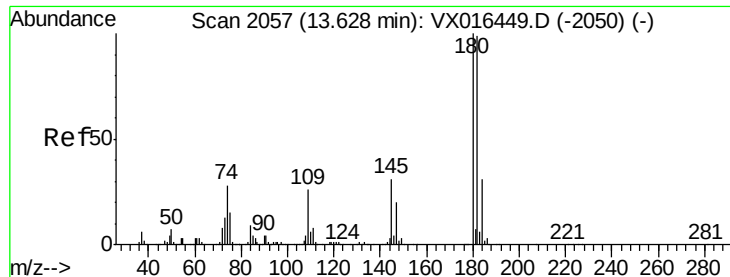
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 17.463 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	44.1	132.4
157	116.7	57.8	173.3





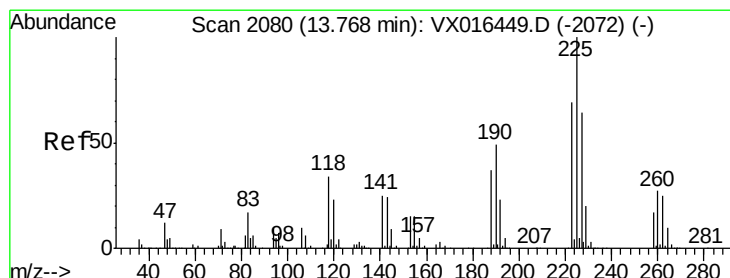
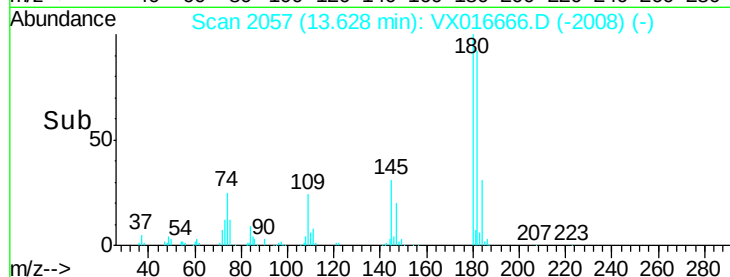
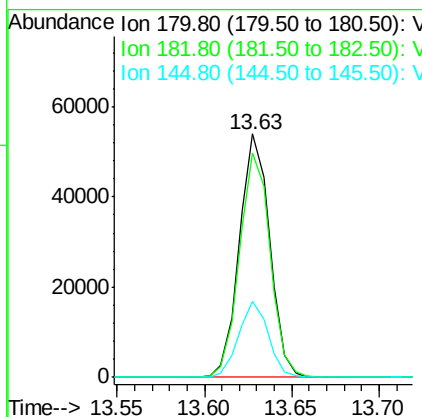
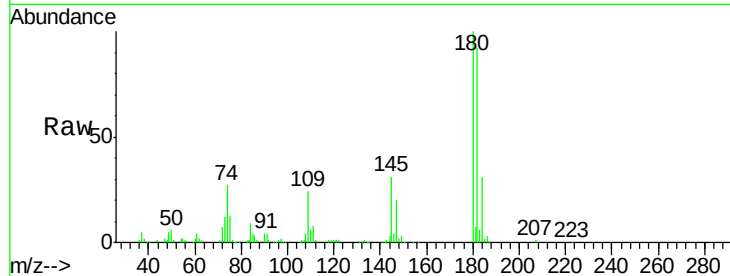
#93
 1,2,4-Trichlorobenzene
 Concen: 20.004 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	64908		
182	93.4	48.3	144.8	
145	30.5	15.4	46.2	

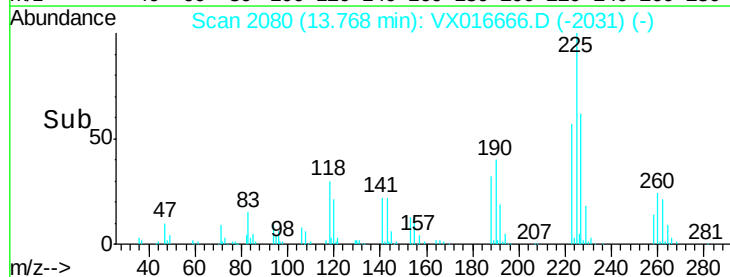
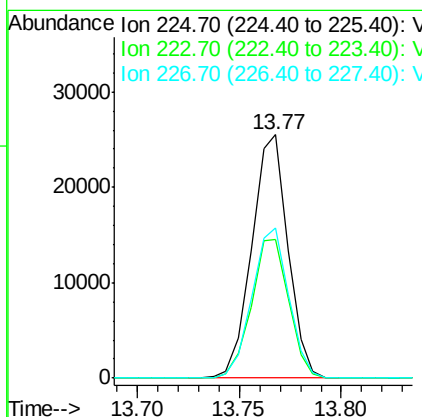
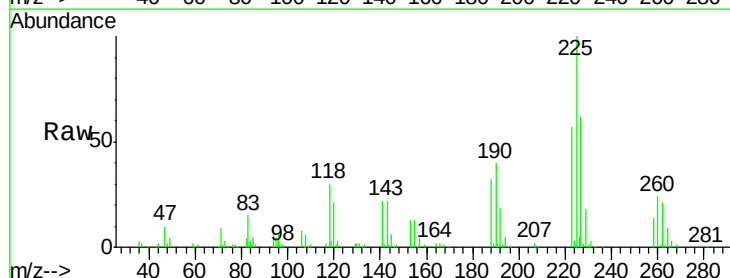
Manual Integrations
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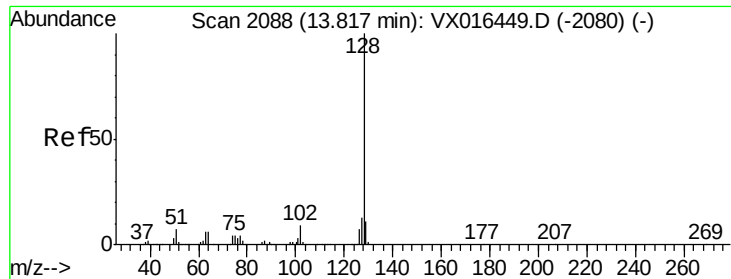
MMDadoda
 6/11/2020 12:46:09 PM



#94
 Hexachlorobutadiene
 Concen: 24.697 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016666.D
 Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31463		
223	59.0	32.3	96.8	
227	62.3	31.6	94.7	





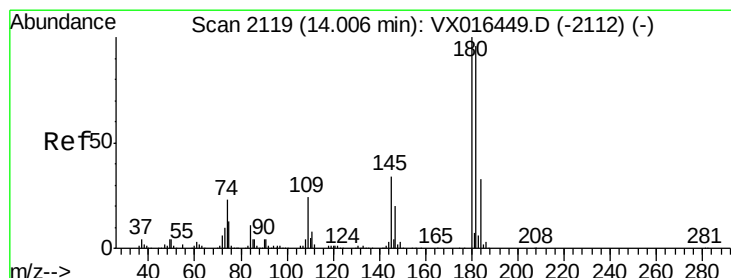
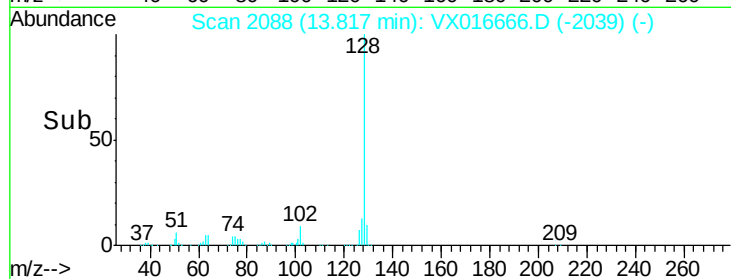
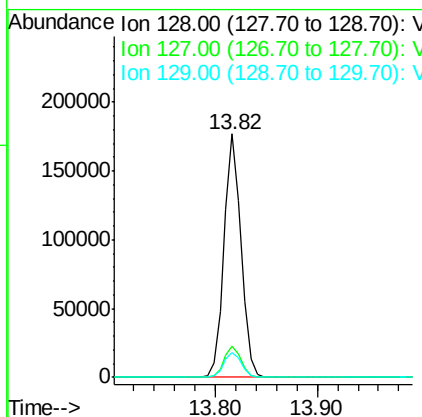
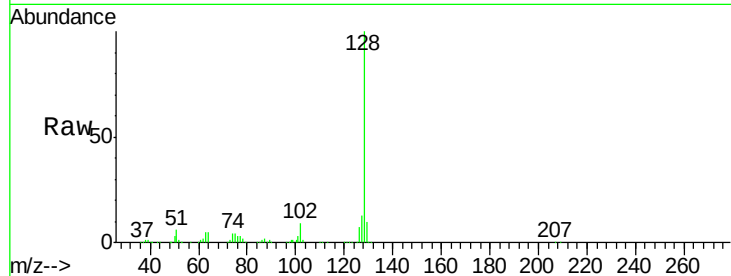
#95
Naphthalene
Concen: 18.393 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.269 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016666.D
Acq: 10 Jun 2020 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.6	145.8
145	32.5	16.6	49.8

