

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017006.D
 Acq On : 29 Jun 2020 14:13
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:12:40 AM

Quant Time: Jun 29 17:09:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:53:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	364638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	578404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	530301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	264891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	3862	1.095	ug/l	98
3) Chloromethane	1.32	50	5093	1.193	ug/l	96
4) Vinyl Chloride	1.39	62	4754	1.200	ug/l	99
6) Chloroethane	1.71	64	2879	1.230	ug/l #	77
7) Trichlorofluoromethane	1.92	101	6907	1.179	ug/l	95
8) Diethyl Ether	2.17	74	2767	1.294	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3870	1.102	ug/l	95
12) 1,1-Dichloroethene	2.36	96	4195	1.163	ug/l	84
14) Allyl chloride	2.71	41	8240	1.236	ug/l	96
15) Acrylonitrile	3.12	53	11200	5.433	ug/l	96
16) Acetone	2.42	43	10201	6.066	ug/l	91
17) Carbon Disulfide	2.55	76	14709	1.331	ug/l	99
18) Methyl Acetate	2.75	43	4767	1.086	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	13047	1.078	ug/l	99
20) Methylene Chloride	2.84	84	5607	1.305	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	4683	1.170	ug/l	91
22) Diisopropyl ether	3.82	45	13207	1.070	ug/l #	91
23) Vinyl Acetate	3.78	43	51830	4.888	ug/l	99
24) 1,1-Dichloroethane	3.67	63	7796	1.110	ug/l	97
25) 2-Butanone	4.64	43	14709	5.249	ug/l	97
26) 2,2-Dichloropropane	4.55	77	7393	1.186	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	5299	1.168	ug/l	97
28) Bromochloromethane	4.98	49	3983	1.166	ug/l #	91
29) Tetrahydrofuran	5.09	42	9365	5.058	ug/l	98
30) Chloroform	5.17	83	8104	1.126	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	7603	1.147	ug/l #	42
36) 1,1-Dichloropropene	5.76	75	6647	1.216	ug/l	97
37) Ethyl Acetate	4.79	43	5657	1.020	ug/l #	81
38) Carbon Tetrachloride	5.75	117	7024	1.167	ug/l	91
39) Methylcyclohexane	7.44	83	6406	1.053	ug/l	95
40) Benzene	6.11	78	18349	1.142	ug/l	97
41) Methacrylonitrile	4.99	41	3530	1.131	ug/l #	82
42) 1,2-Dichloroethane	6.17	62	6659	1.148	ug/l	98
43) Isopropyl Acetate	6.42	43	10265	1.114	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:53:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	6241	1.290	ug/l	94
45) 1,2-Dichloropropane	7.49	63	4612	1.118	ug/l #	81
46) Dibromomethane	7.64	93	3164	1.123	ug/l	97
47) Bromodichloromethane	7.87	83	6402	1.103	ug/l #	85
48) Methyl methacrylate	7.75	41	4121	0.941	ug/l	87
49) 1,4-Dioxane	7.72	88	2037	20.534	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	25716	4.681	ug/l	97
52) Toluene	8.76	92	10890	1.086	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	6692	1.045	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	7327	1.067	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	4430	1.081	ug/l	94
56) Ethyl methacrylate	9.16	69	5181	0.888	ug/l #	92
57) 1,3-Dichloropropane	9.35	76	7773	1.121	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	10907	3.758	ug/l	95
59) 2-Hexanone	9.47	43	17651	4.399	ug/l	96
60) Dibromochloromethane	9.57	129	4958	1.042	ug/l	99
61) 1,2-Dibromoethane	9.65	107	4685	1.064	ug/l	96
64) Tetrachloroethene	9.32	164	5270	1.231	ug/l	96
65) Chlorobenzene	10.12	112	12955	1.184	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	4889	1.159	ug/l #	65
67) Ethyl Benzene	10.23	91	19420	1.062	ug/l	95
68) m/p-Xylenes	10.34	106	14842	2.115	ug/l	100
69) o-Xylene	10.68	106	6909	1.035	ug/l	100
70) Styrene	10.70	104	10834	0.953	ug/l	98
71) Bromoform	10.84	173	3194	0.955	ug/l #	97
73) Isopropylbenzene	11.00	105	17016	0.981	ug/l	98
74) N-amyl acetate	10.88	43	7057	0.953	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	6149	1.127	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	5730m	0.878	ug/l	
77) Bromobenzene	11.24	156	5506	1.155	ug/l	99
78) n-propylbenzene	11.34	91	19048	0.971	ug/l	96
79) 2-Chlorotoluene	11.40	91	12211	1.028	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	13796	0.959	ug/l	97
82) 4-Chlorotoluene	11.49	91	14823	1.044	ug/l	99
83) tert-Butylbenzene	11.76	119	13801	0.977	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	12930	0.886	ug/l	95
85) sec-Butylbenzene	11.93	105	15672	0.944	ug/l	99
86) p-Isopropyltoluene	12.05	119	14325	0.927	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	10492	1.211	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	11464m	1.316	ug/l	
89) n-Butylbenzene	12.37	91	14834	1.075	ug/l	94
90) Hexachloroethane	12.58	117	3156	1.035	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	9485	1.172	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1618	1.243	ug/l	76
93) 1,2,4-Trichlorobenzene	13.63	180	6510	1.178	ug/l	94
94) Hexachlorobutadiene	13.77	225	2975	1.331	ug/l	97
95) Naphthalene	13.82	128	15734	0.937	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	6037	1.129	ug/l	98

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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 364638

Ion Ratio Lower Upper

168 100

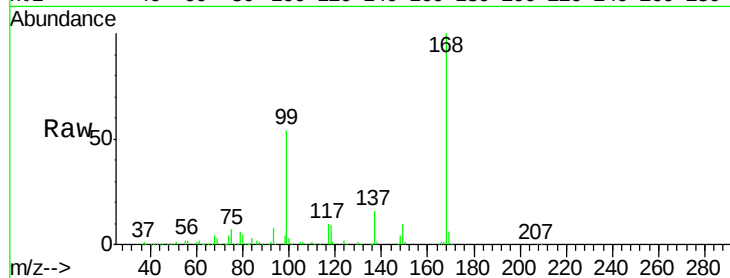
99 53.9 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

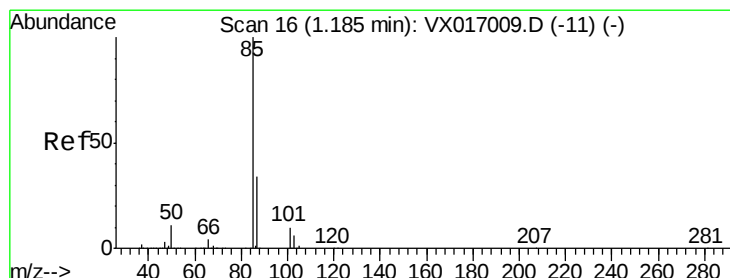
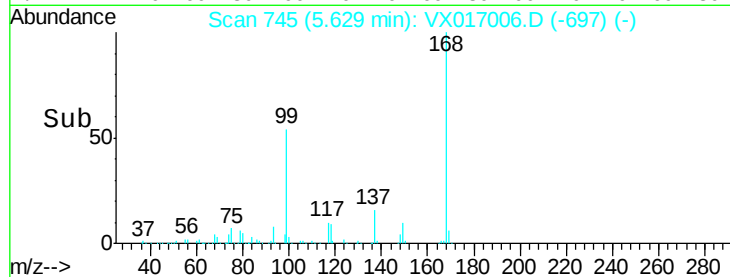
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.095 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017006.D

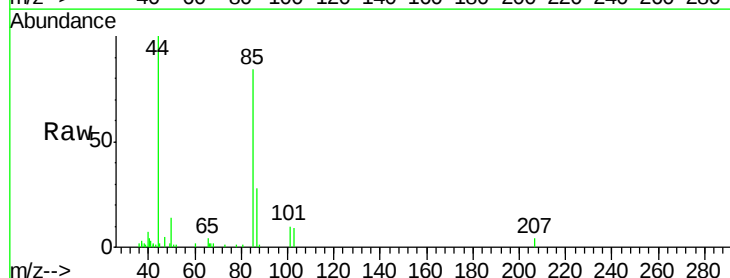
Acq: 29 Jun 2020 14:13

Tgt Ion: 85 Resp: 3862

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

4000

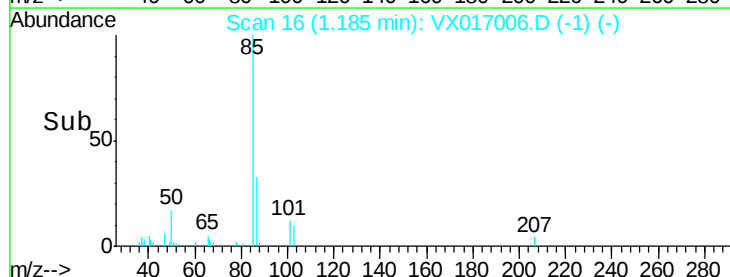
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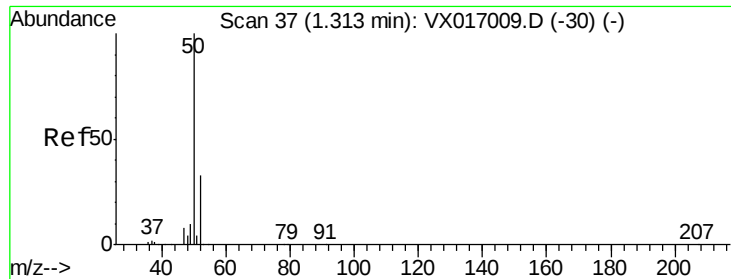
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.193 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5093

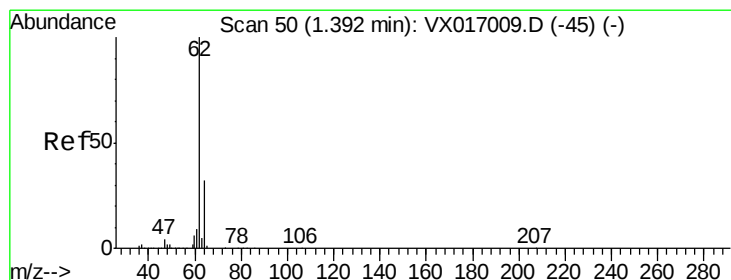
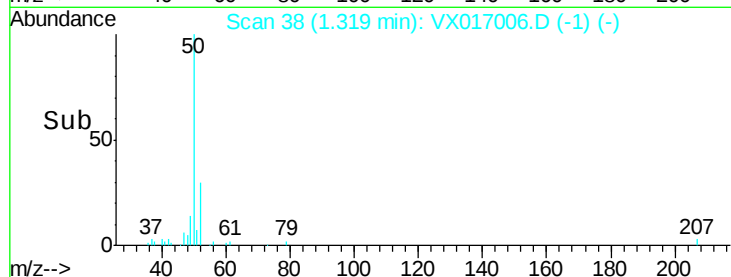
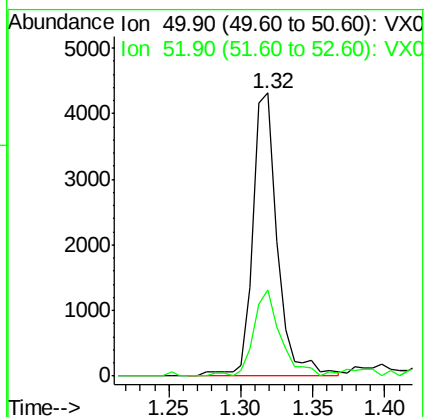
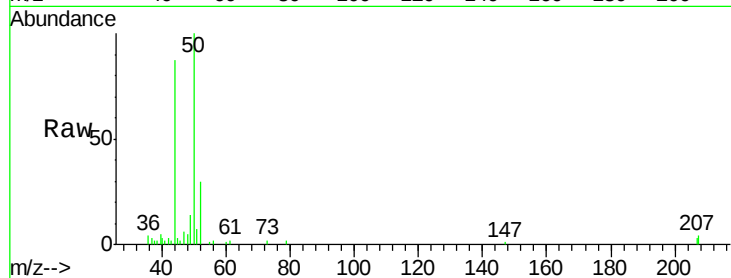
Ion Ratio Lower Upper

50 100

52 30.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 1.200 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017006.D

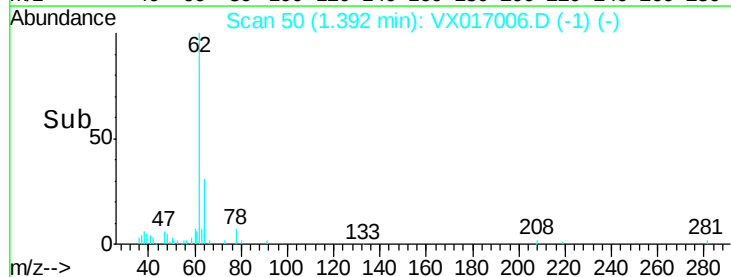
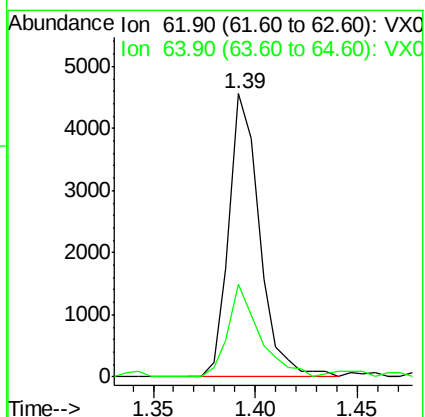
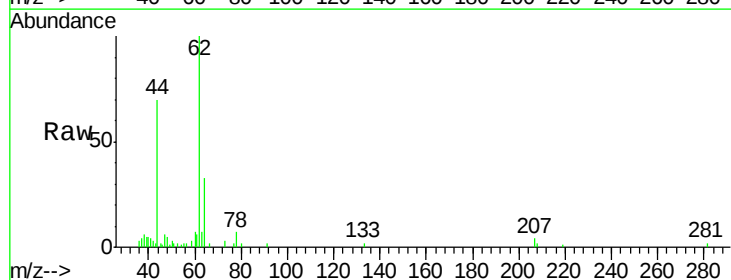
Acq: 29 Jun 2020 14:13

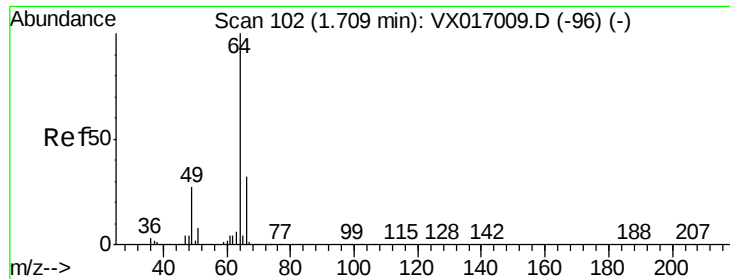
Tgt Ion: 62 Resp: 4754

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9





#6

Chloroethane

Concen: 1.230 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2879

Ion Ratio Lower Upper

64 100

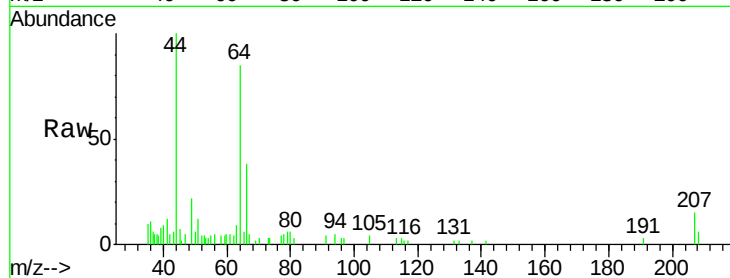
66 45.0 25.5 38.3#

Manual Integrations

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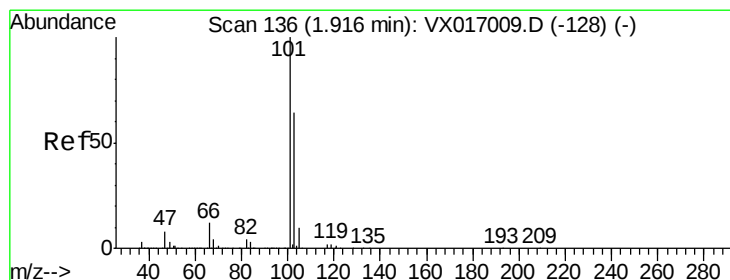
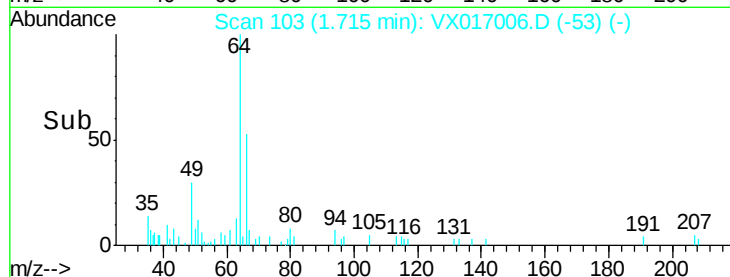
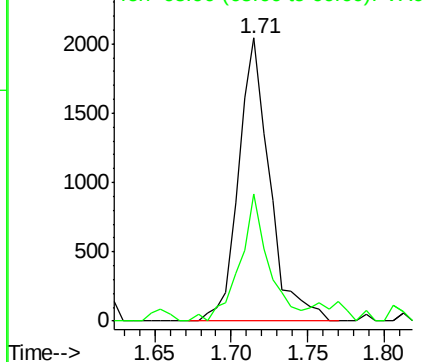
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Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#7

Trichlorofluoromethane

Concen: 1.179 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX017006.D

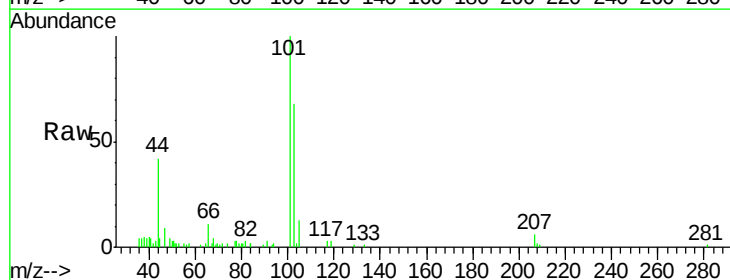
Acq: 29 Jun 2020 14:13

Tgt Ion: 101 Resp: 6907

Ion Ratio Lower Upper

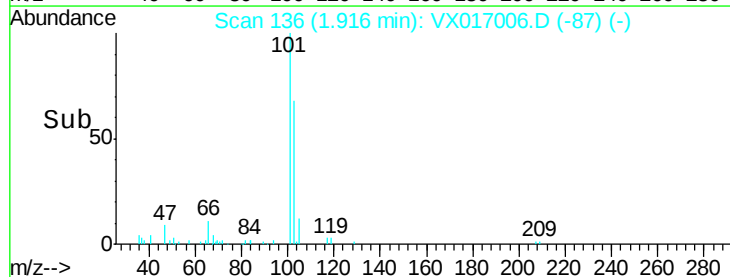
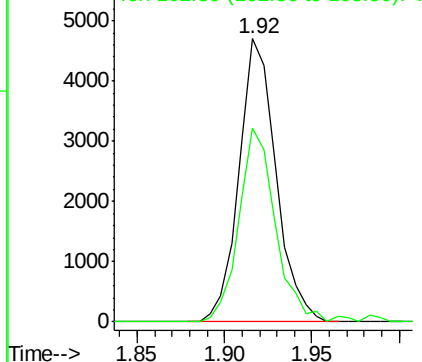
101 100

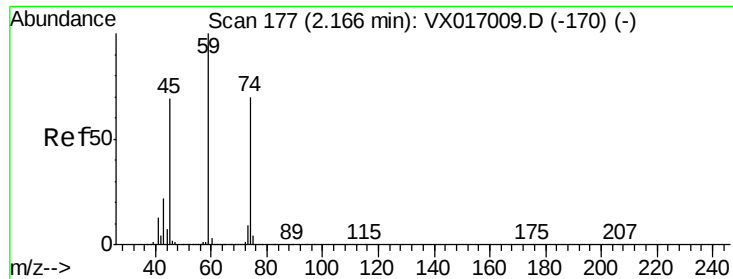
103 68.4 51.5 77.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 1.294 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2767

Ion Ratio Lower Upper

74 100

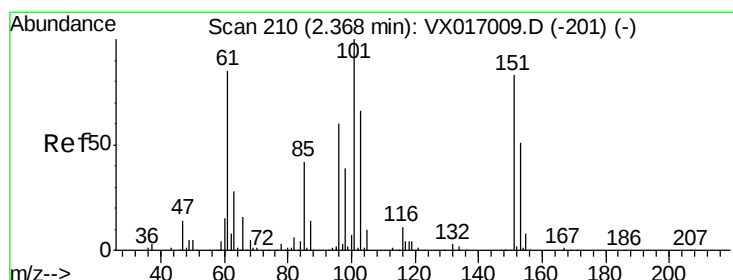
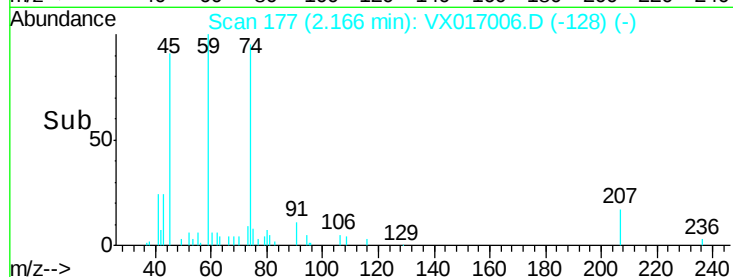
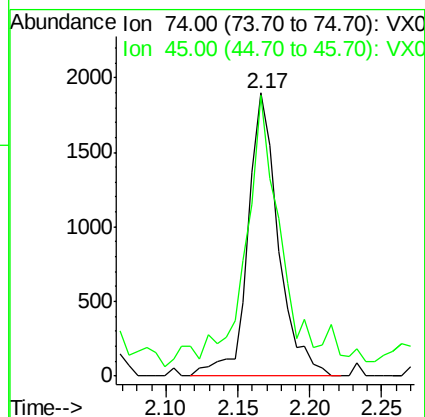
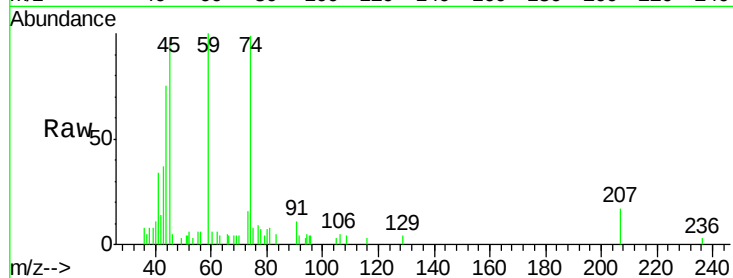
45 111.4 49.8 149.3

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.102 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

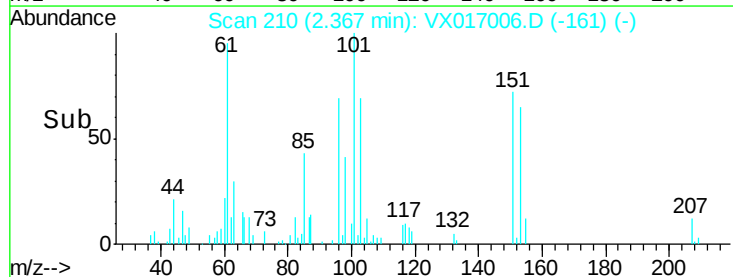
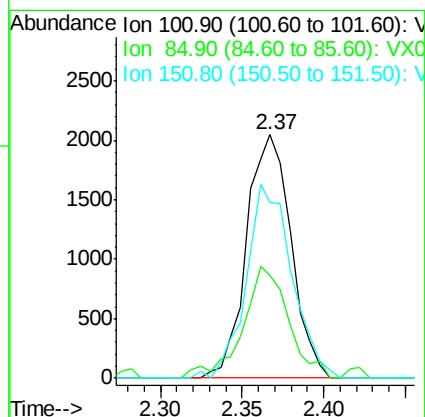
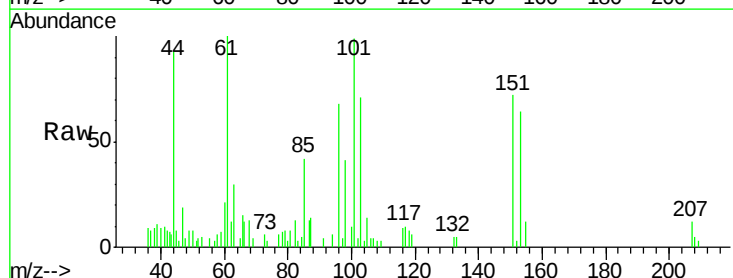
Tgt Ion: 101 Resp: 3870

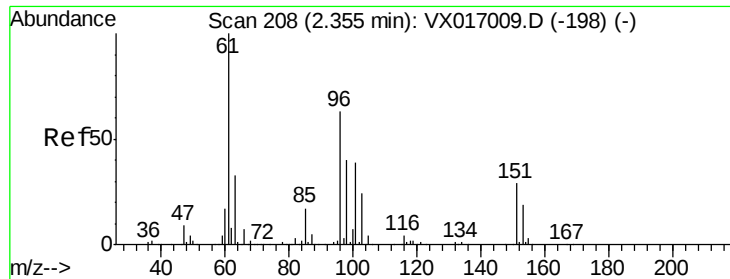
Ion Ratio Lower Upper

101 100

85 47.5 33.5 50.3

151 82.0 63.8 95.6





#12

1,1-Dichloroethene

Concen: 1.163 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

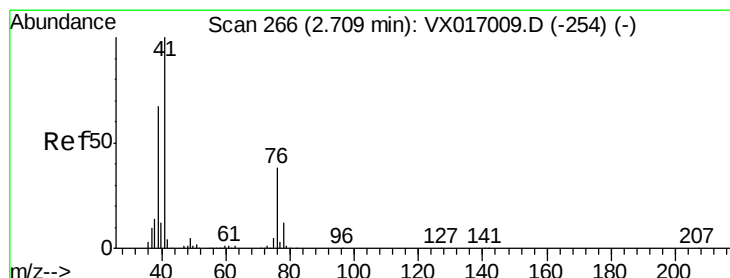
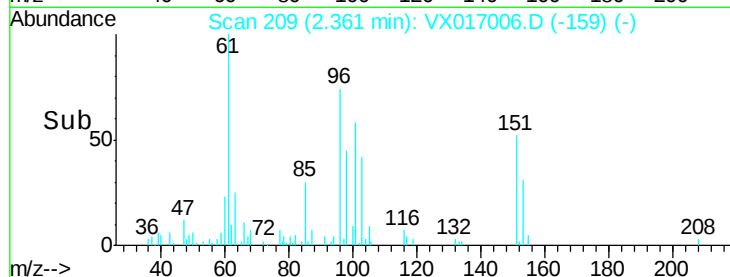
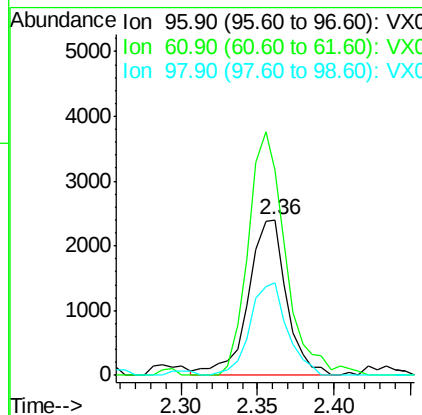
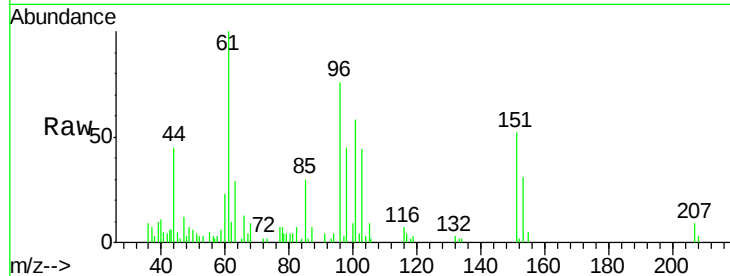
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	4195
Ion	Ratio	Lower	Upper
96	100		
61	131.8	126.3	189.5
98	59.2	51.0	76.6

Manual Integrations
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#14

Allyl chloride

Concen: 1.236 ug/l

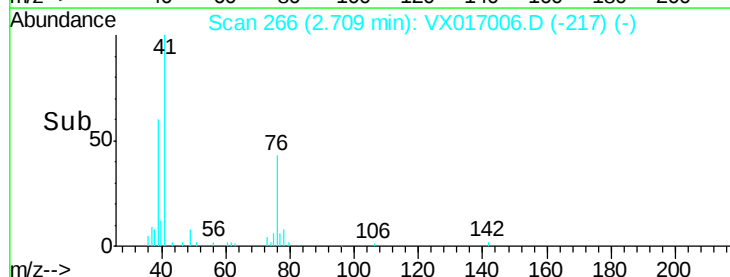
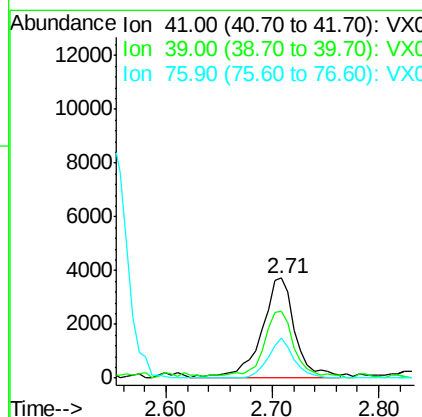
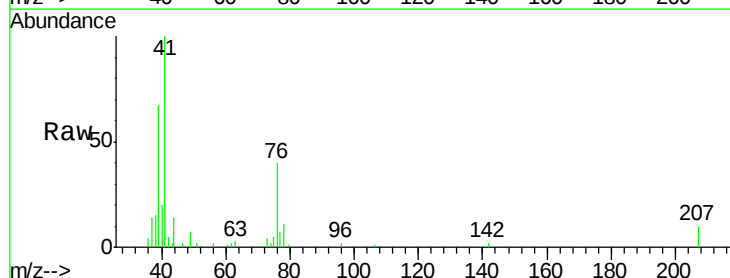
RT: 2.71 min Scan# 266

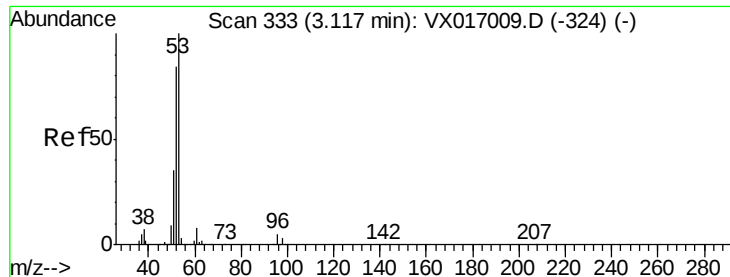
Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	41	Resp:	8240
Ion	Ratio	Lower	Upper
41	100		
39	63.6	49.4	74.2
76	30.2	26.8	40.2





#15

Acrylonitrile

Concen: 5.433 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

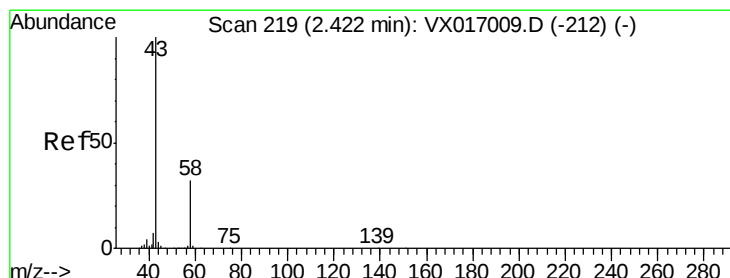
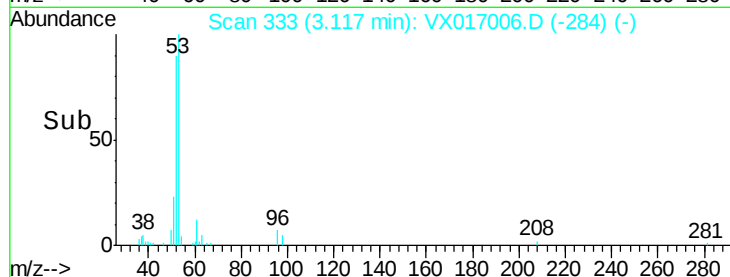
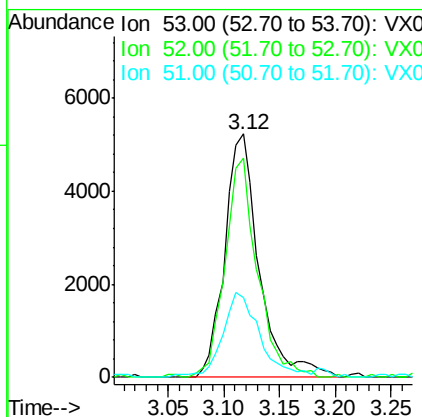
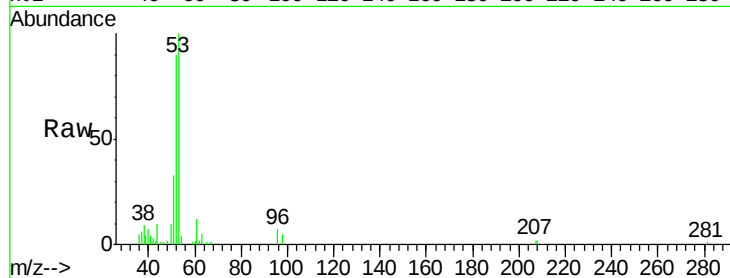
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	11200
Ion	Ratio	Lower	Upper
53	100		
52	85.3	65.6	98.4
51	37.8	28.3	42.5

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6/30/2020 10:12:40 AM



#16

Acetone

Concen: 6.066 ug/l

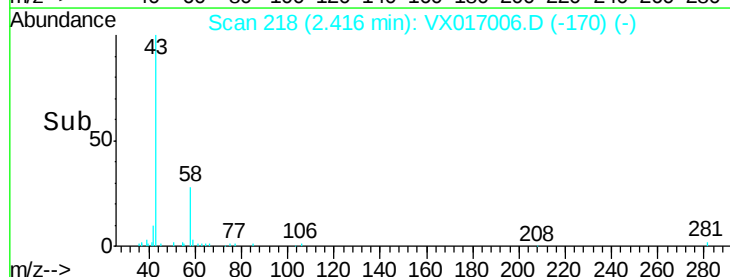
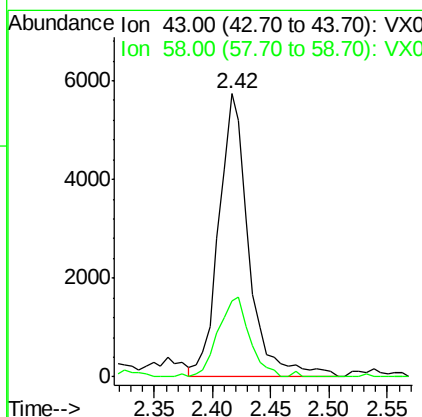
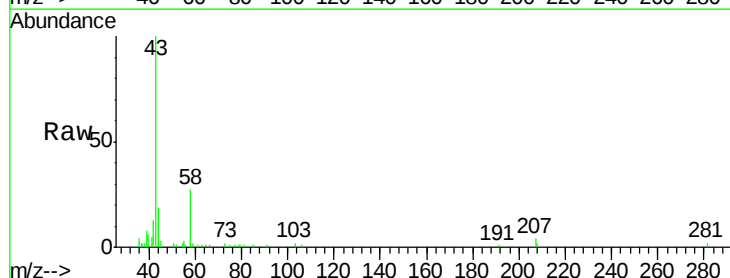
RT: 2.42 min Scan# 218

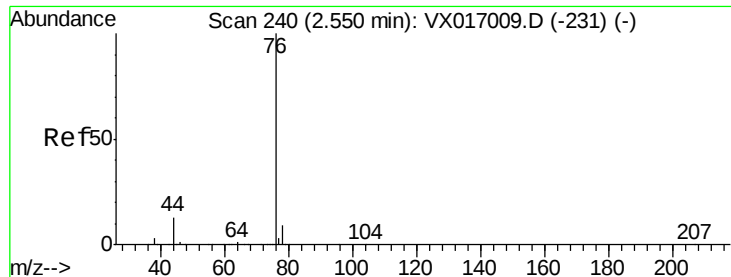
Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	43	Resp:	10201
Ion	Ratio	Lower	Upper
43	100		
58	27.0	25.7	38.5





#17

Carbon Disulfide

Concen: 1.331 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 14709

Ion Ratio Lower Upper

76 100

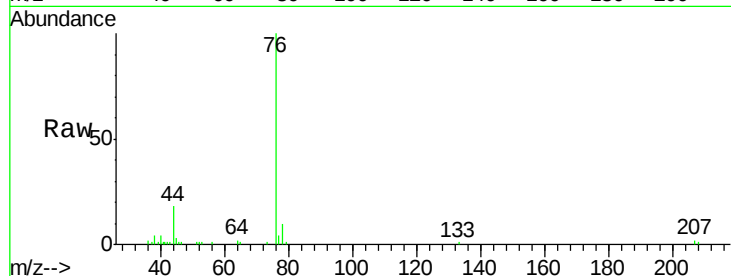
78 9.4 7.2 10.8

Manual Integrations

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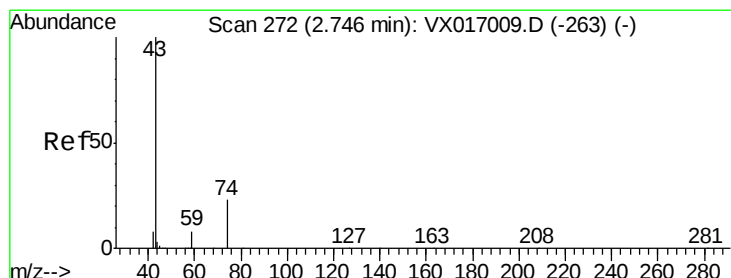
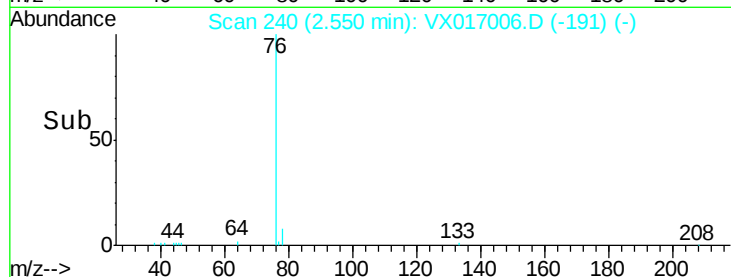
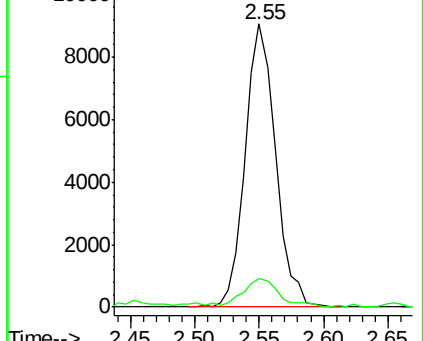
MMDadoda

6/30/2020 10:12:40 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.086 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017006.D

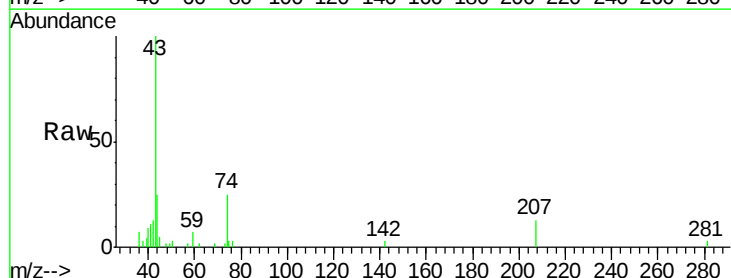
Acq: 29 Jun 2020 14:13

Tgt Ion: 43 Resp: 4767

Ion Ratio Lower Upper

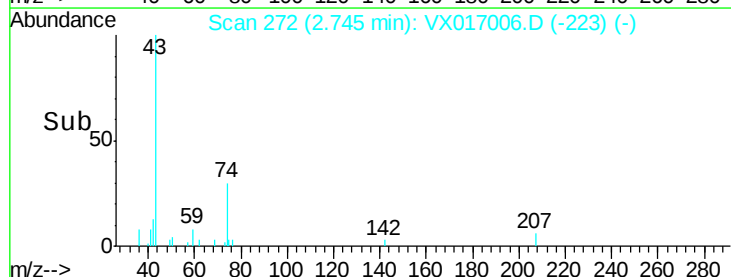
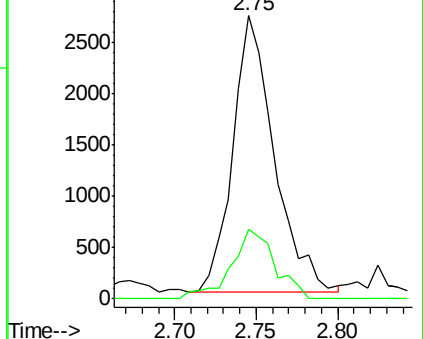
43 100

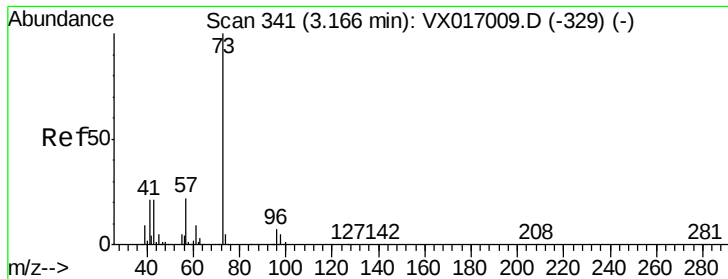
74 26.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

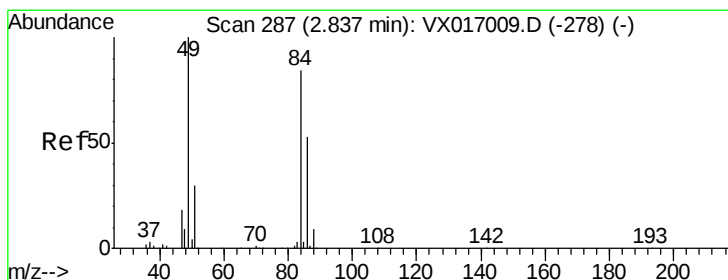
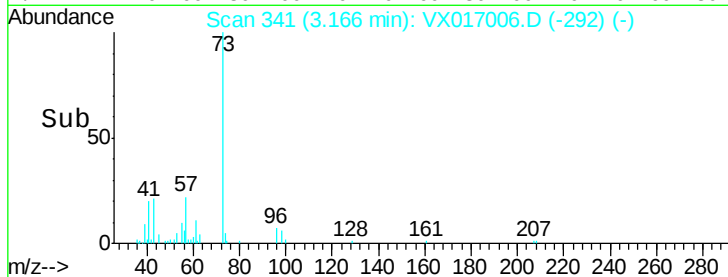
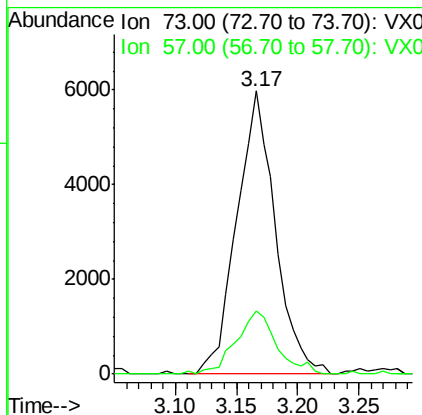
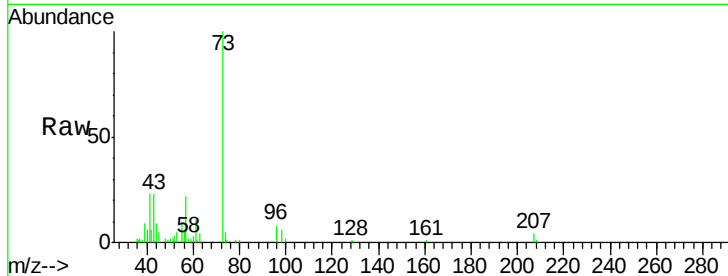
Methyl tert-butyl Ether
 Concen: 1.078 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.6	26.4

Manual Integrations
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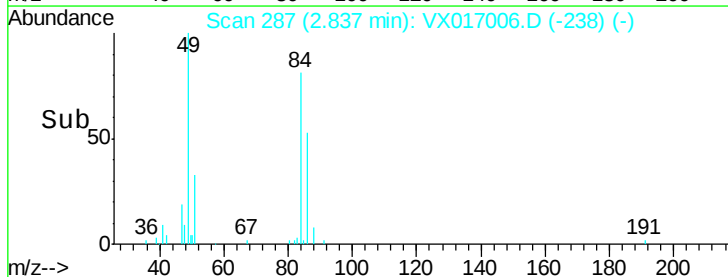
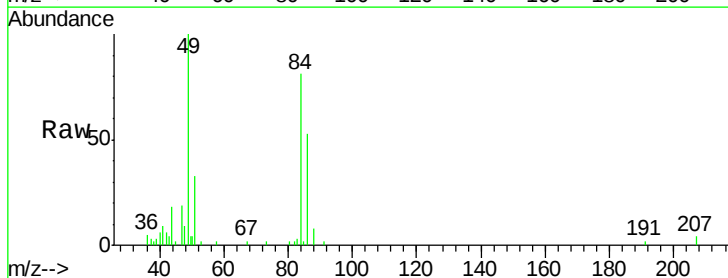
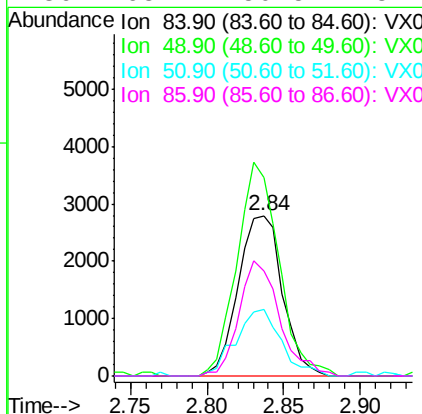
MMDadoda
 6/30/2020 10:12:40 AM

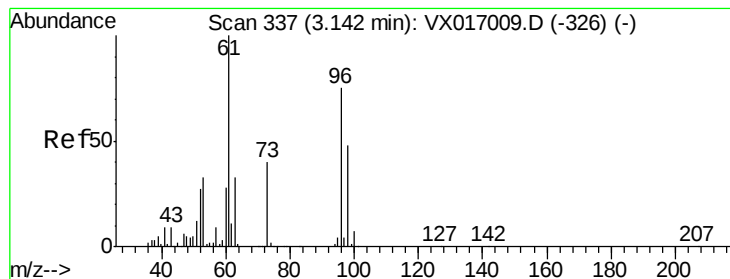


#20

Methylene Chloride
 Concen: 1.305 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	94.7	142.1
51	41.3	28.6	42.8
86	65.4	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 1.170 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

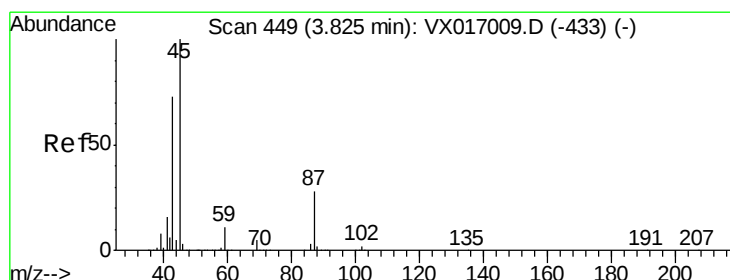
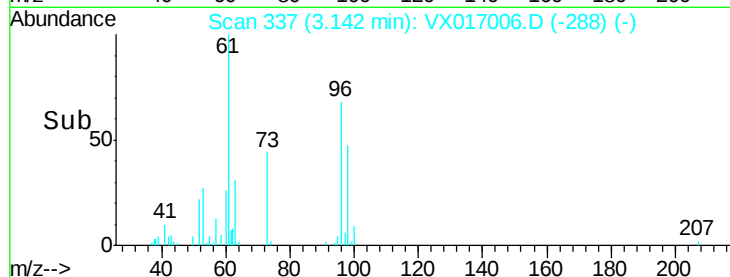
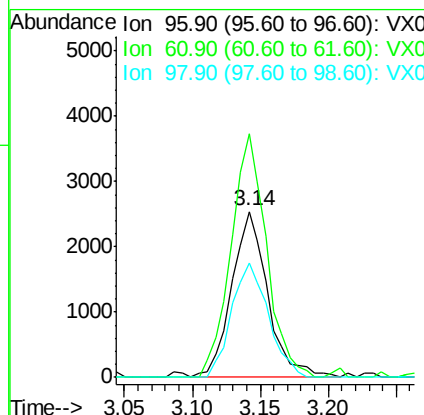
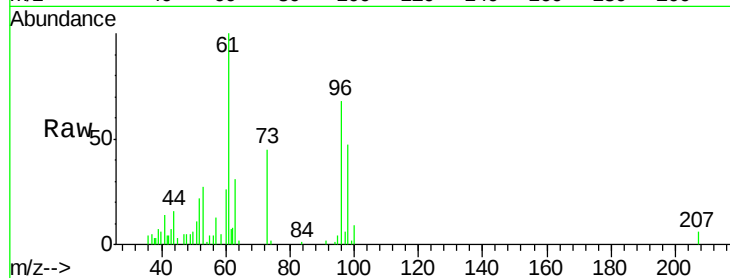
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	4683
Ion	Ratio	Lower	Upper
96	100		
61	146.6	107.0	160.6
98	68.9	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.070 ug/l

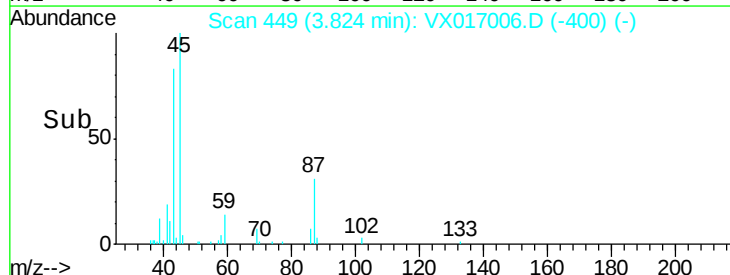
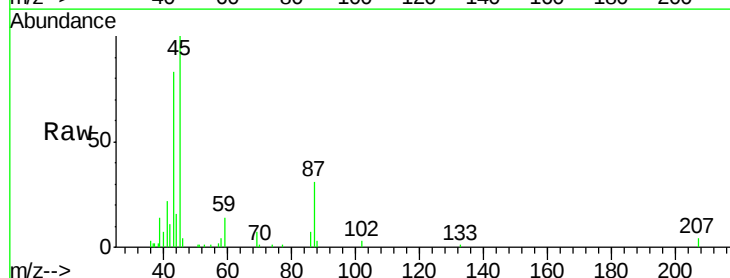
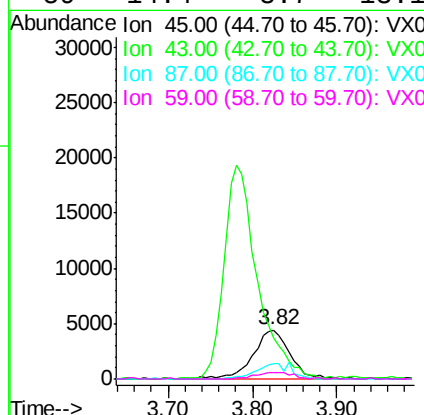
RT: 3.82 min Scan# 449

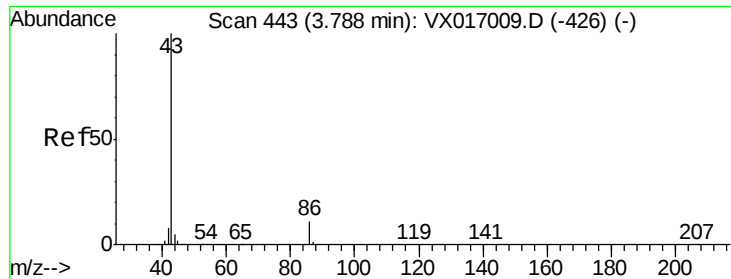
Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	45	Resp:	13207
Ion	Ratio	Lower	Upper
45	100		
43	81.5	58.6	88.0
87	31.0	22.6	34.0
59	14.4	8.7	13.1#





#23

Vinyl Acetate

Concen: 4.888 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 51830

Ion Ratio Lower Upper

43 100

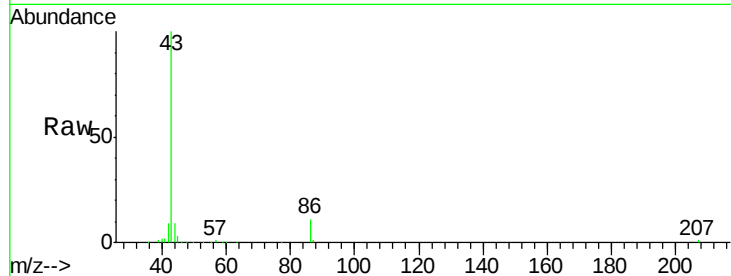
86 11.2 8.6 13.0

Manual Integrations

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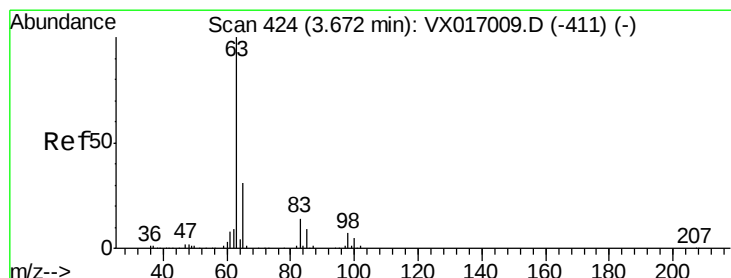
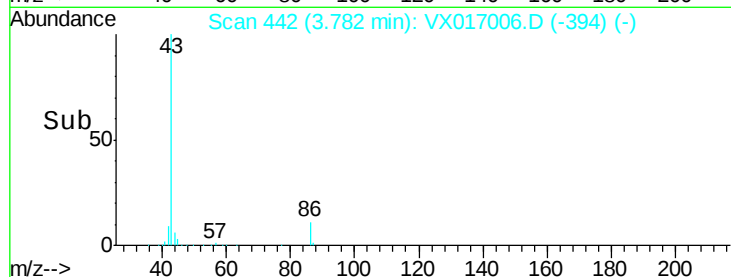
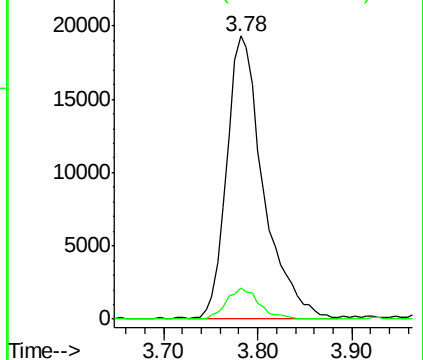
MMDadoda

6/30/2020 10:12:40 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.110 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

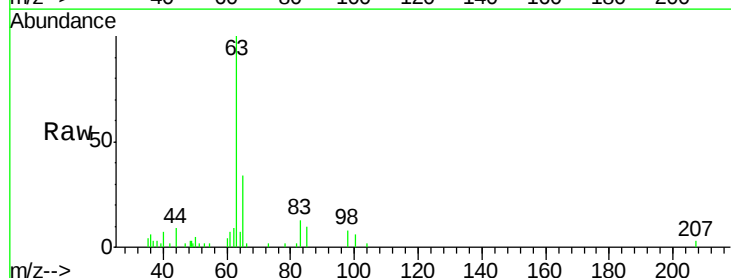
Tgt Ion: 63 Resp: 7796

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

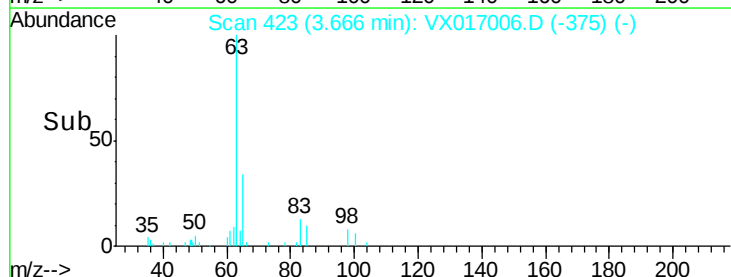
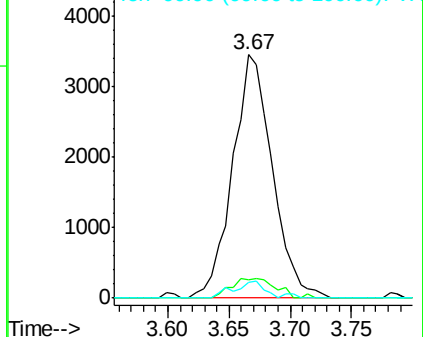
100 6.4 2.4 7.1

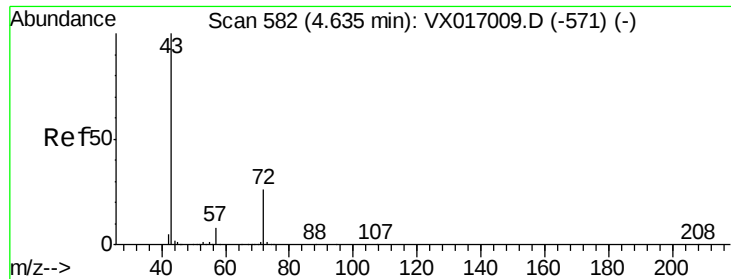


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





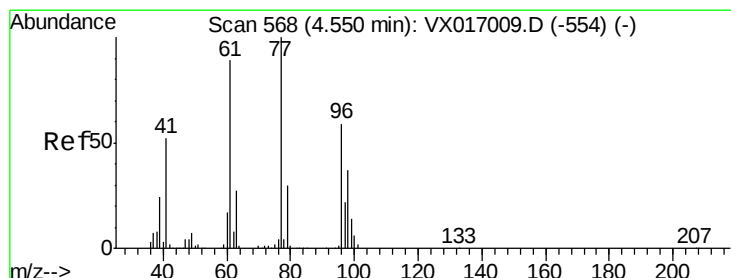
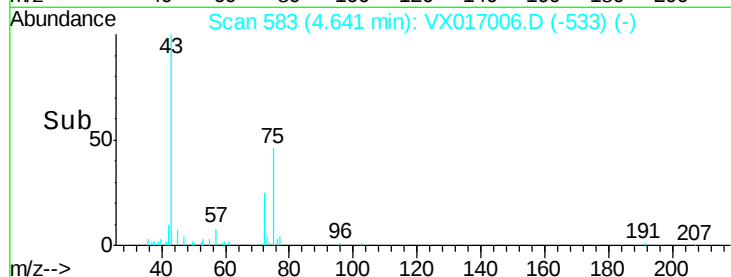
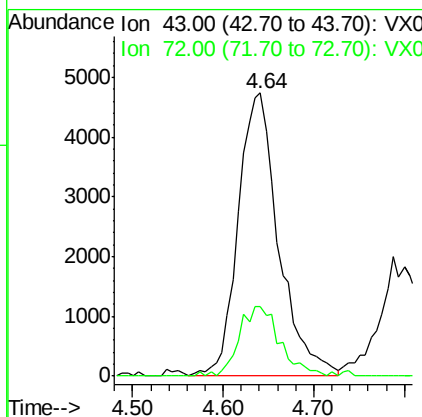
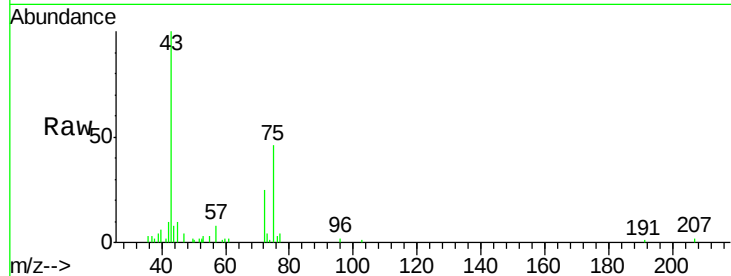
#25
2-Butanone
Concen: 5.249 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 43 Resp: 14709
Ion Ratio Lower Upper
43 100
72 24.6 20.8 31.2

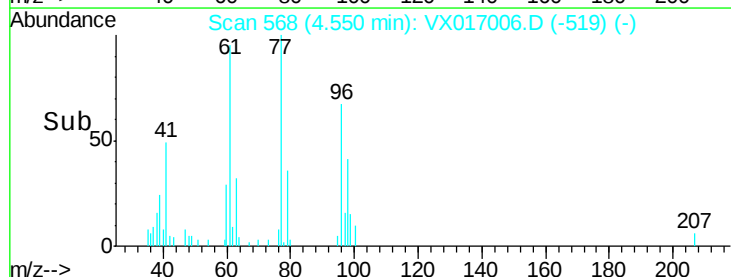
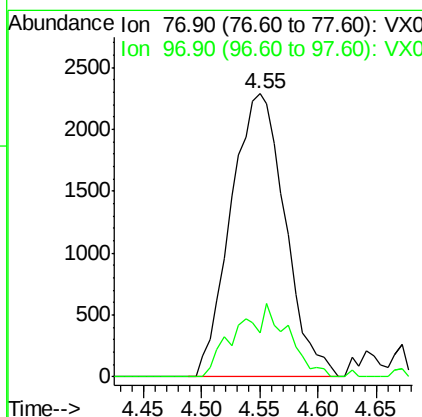
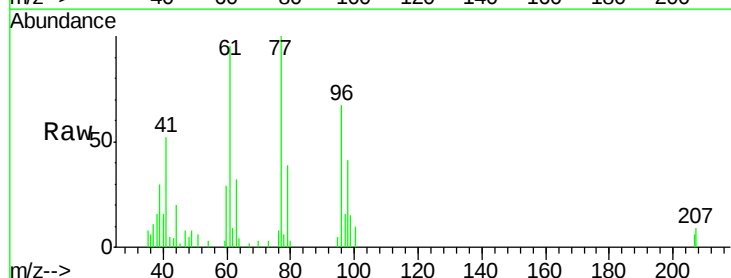
Manual Integrations
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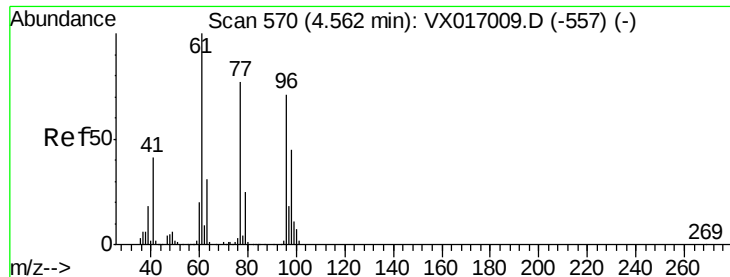
MMDadoda
6/30/2020 10:12:40 AM



#26
2,2-Dichloropropane
Concen: 1.186 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 77 Resp: 7393
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.2





#27

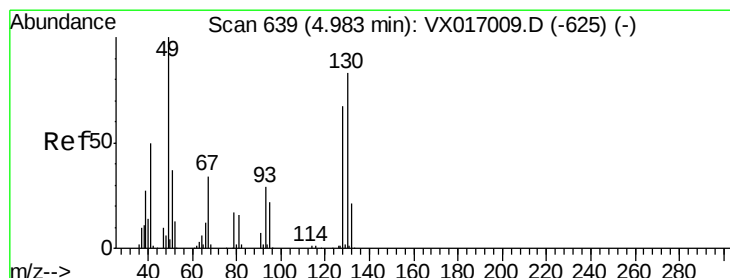
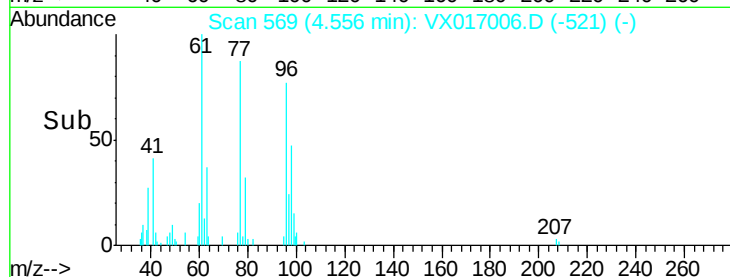
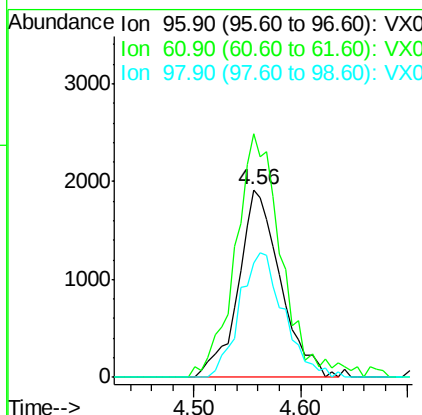
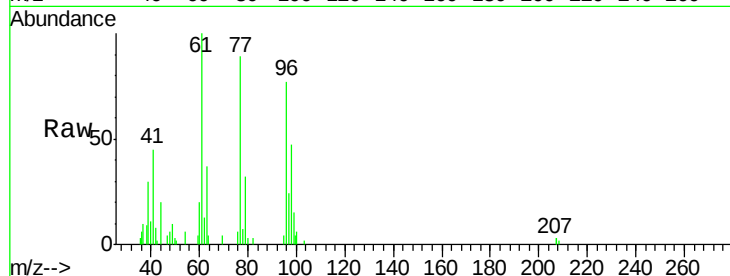
cis-1,2-Dichloroethene
Concen: 1.168 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	282.8
98	69.6	0.0	127.6

Manual Integrations
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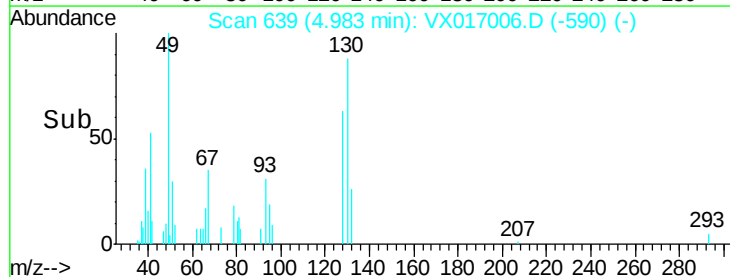
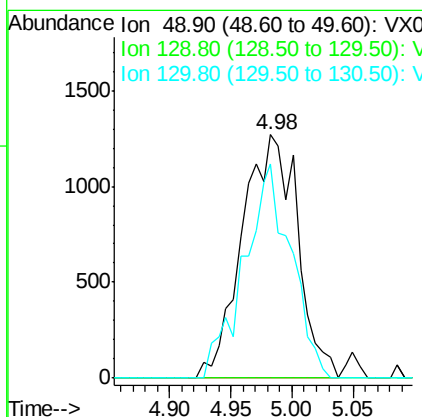
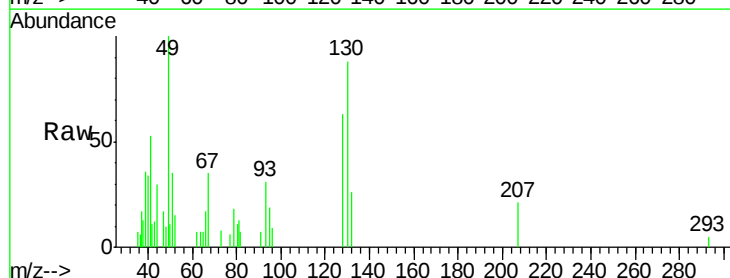
MMDadoda
6/30/2020 10:12:40 AM

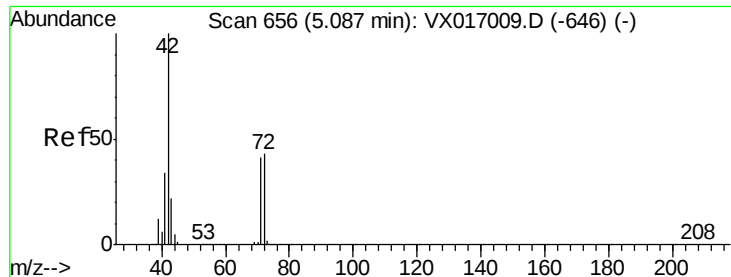


#28

Bromochloromethane
Concen: 1.166 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	75.1	66.6	100.0





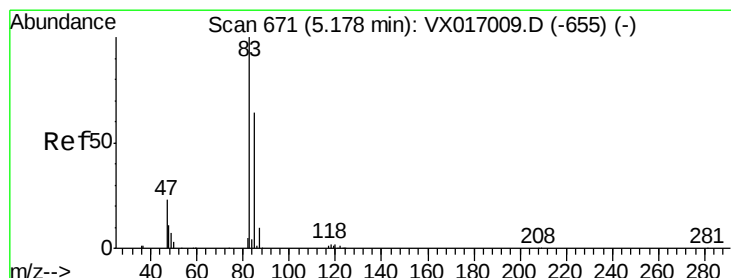
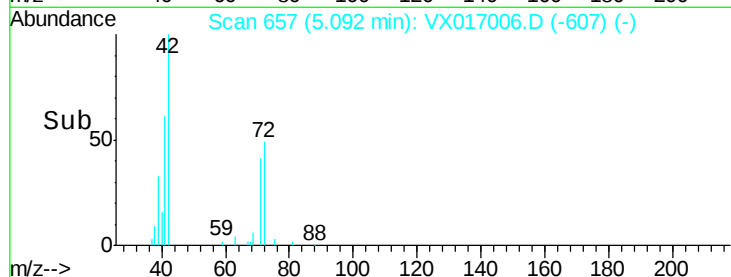
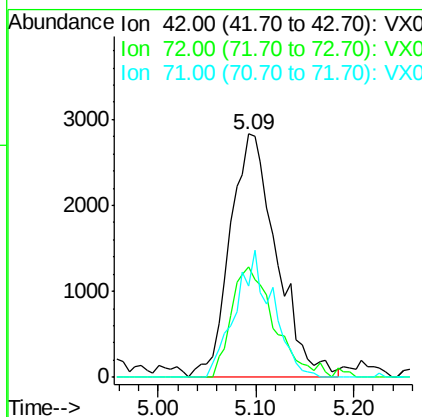
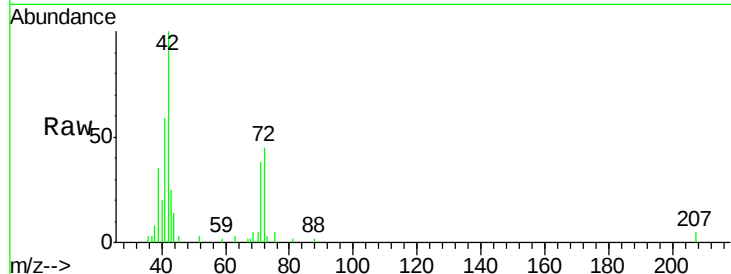
#29
Tetrahydrofuran
Concen: 5.058 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	9365
Ion	Ratio	Lower	Upper
42	100		
72	41.8	35.3	52.9
71	42.2	33.1	49.7

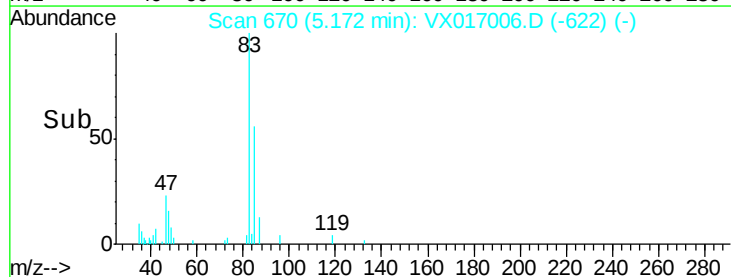
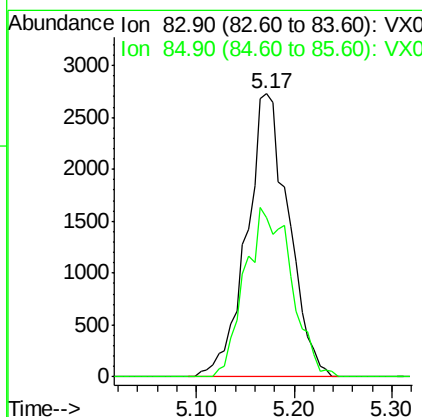
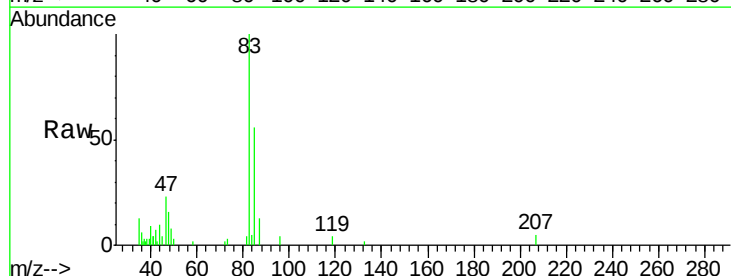
Manual Integrations
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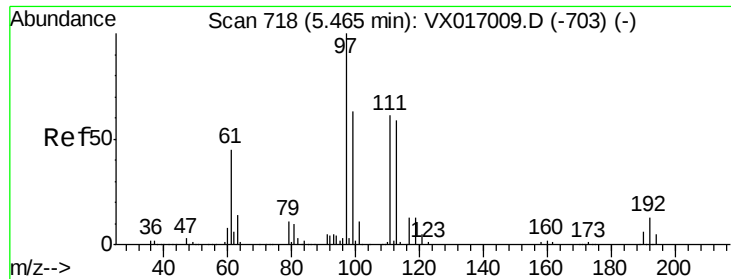
MMDadoda
6/30/2020 10:12:40 AM



#30
Chloroform
Concen: 1.126 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion:	83	Resp:	8104
Ion	Ratio	Lower	Upper
83	100		
85	56.4	51.4	77.2





#32

1,1,1-Trichloroethane

Concen: 1.147 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

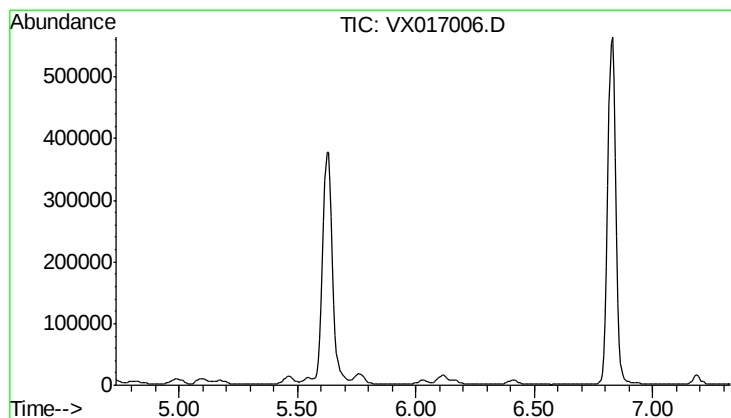
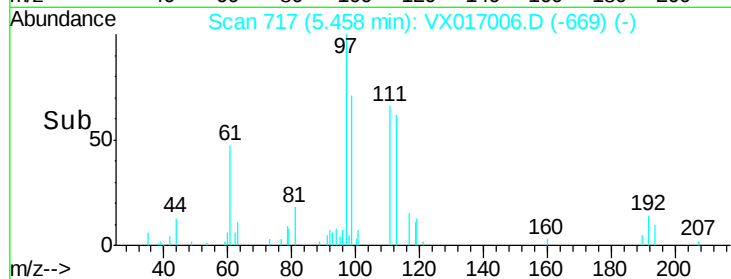
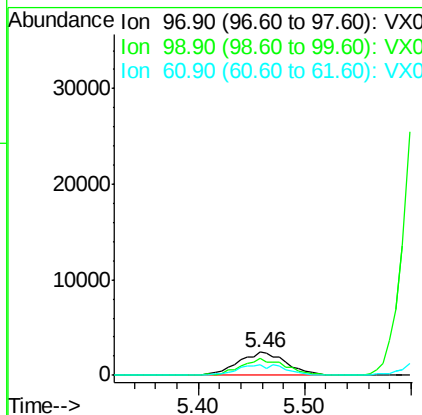
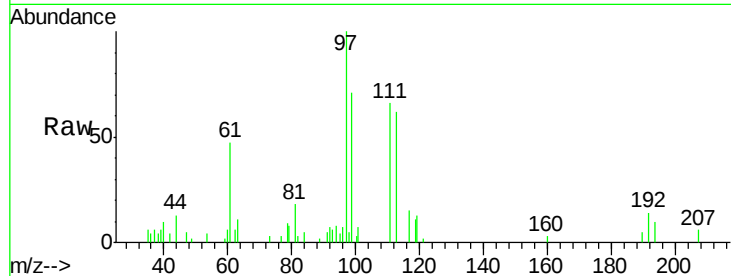
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	7603
Ion Ratio	Lower	Upper	
97	100		
99	0.0	50.8	76.2#
61	28.4	33.7	50.5#

Manual Integrations
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6/30/2020 10:12:40 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX017006.D

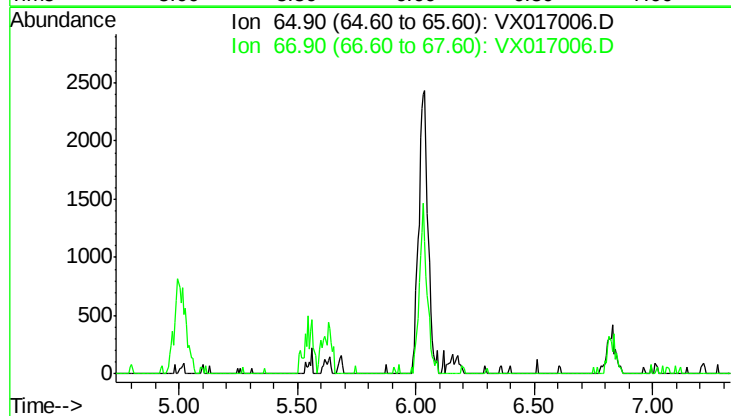
Acq: 29 Jun 2020 14:13

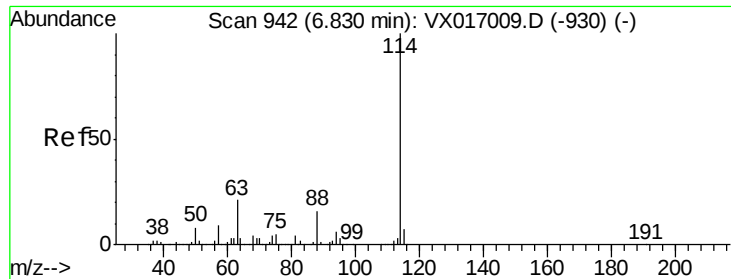
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.9





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

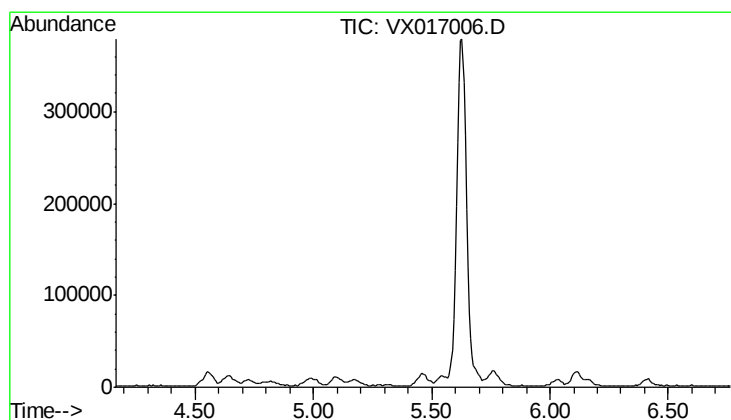
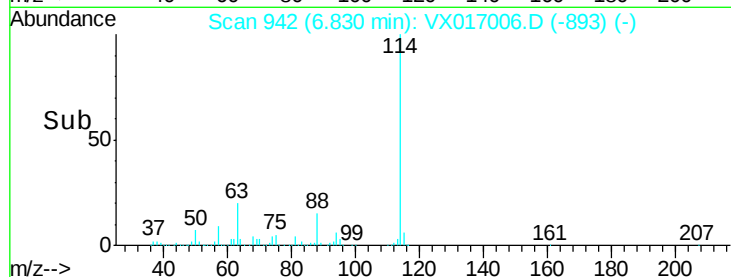
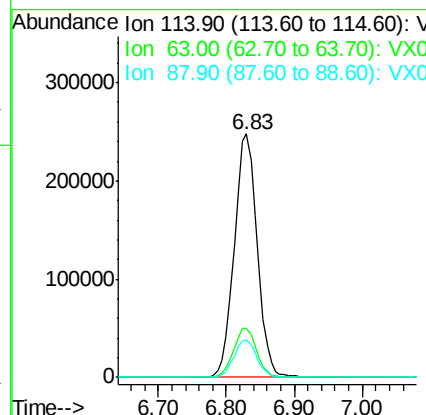
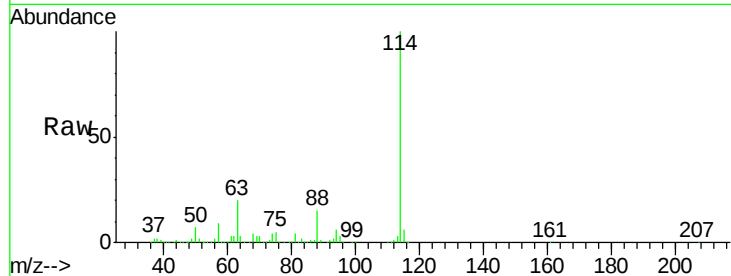
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	578404
Ion Ratio		Lower	Upper
114	100		
63	20.0	0.0	41.4
88	15.4	0.0	32.4

Manual Integrations
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MMDadoda
6/30/2020 10:12:40 AM



#35

Dibromofluoromethane

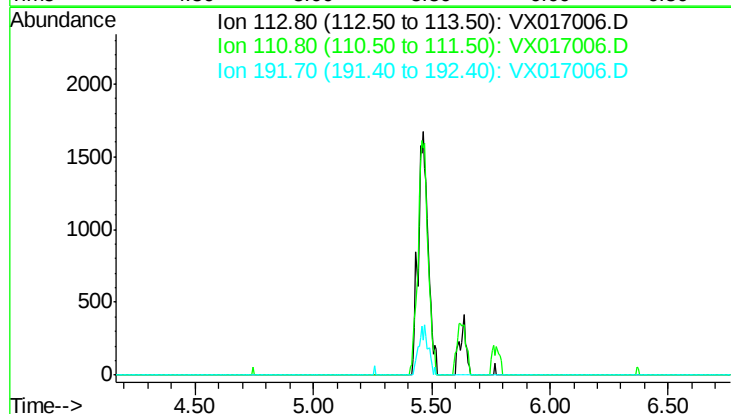
Concen: 0.000 ug/l

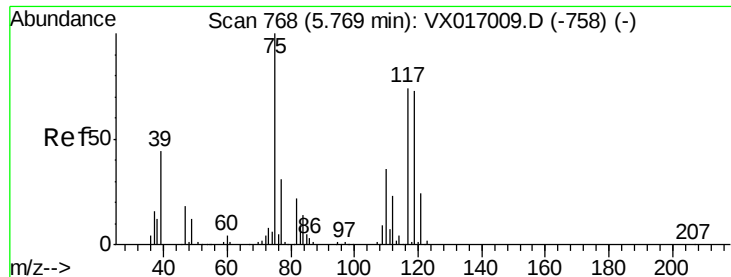
Expected RT: 5.46 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	102.4
192	20.9





#36

1,1-Dichloropropene

Concen: 1.216 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

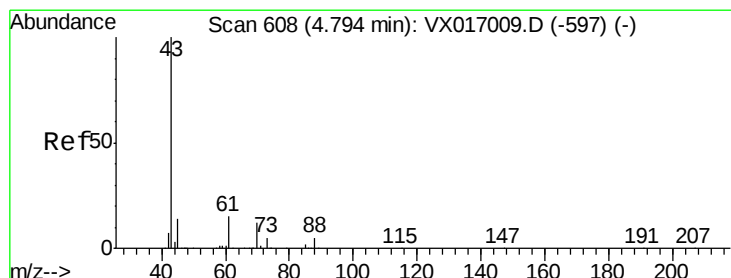
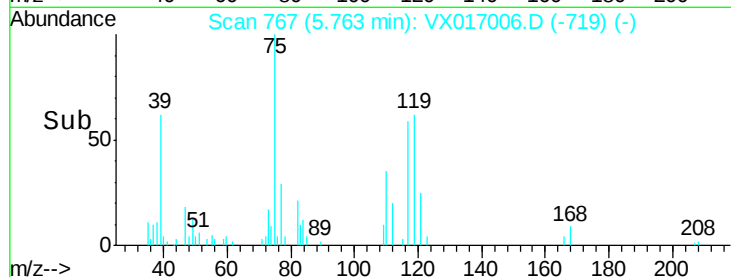
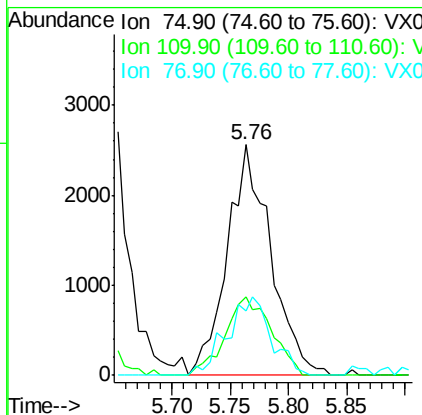
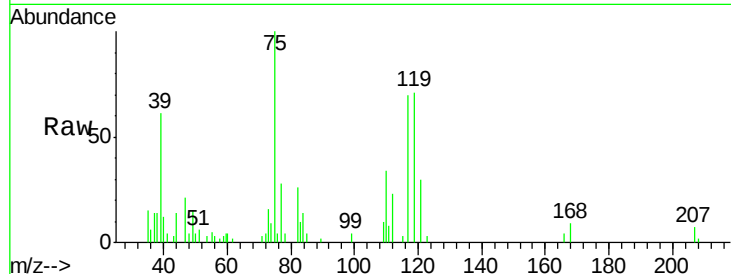
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	6647
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	34.4	24.6	37.0

Manual Integrations
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MMDadoda
6/30/2020 10:12:40 AM



#37

Ethyl Acetate

Concen: 1.020 ug/l

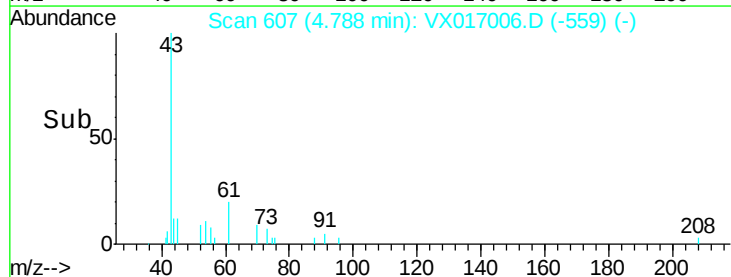
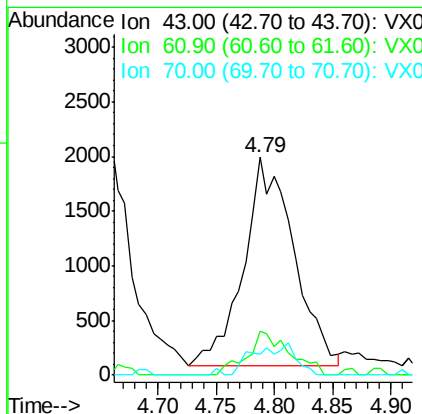
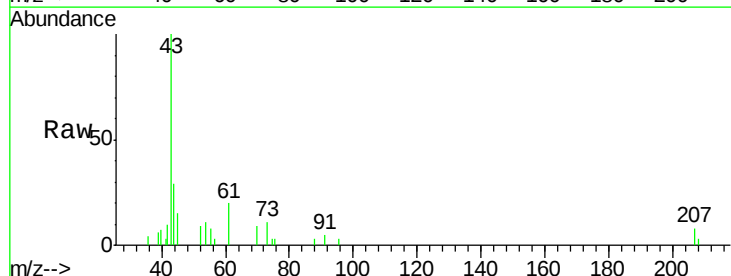
RT: 4.79 min Scan# 607

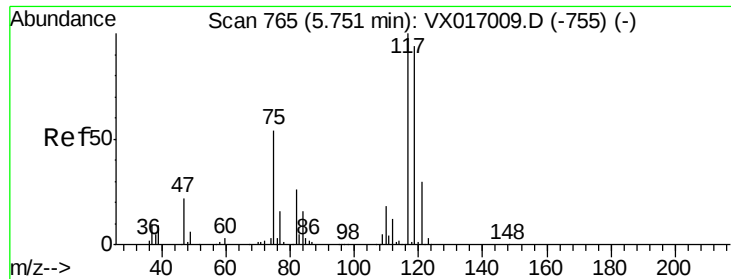
Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	43	Resp:	5657
Ion	Ratio	Lower	Upper
43	100		
61	17.7	11.0	16.4#
70	0.0	8.9	13.3#





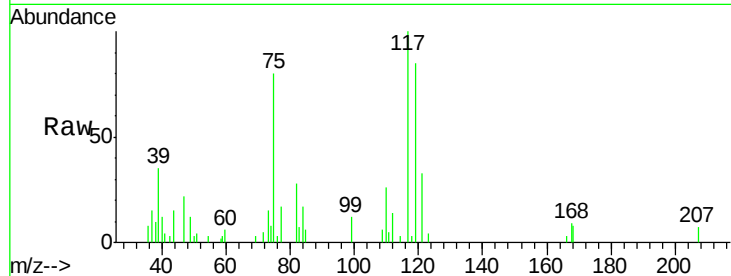
#38
Carbon Tetrachloride
Concen: 1.167 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	85.1	75.4	113.0
121	33.1	23.8	35.6

Manual Integrations
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6/30/2020 10:12:40 AM

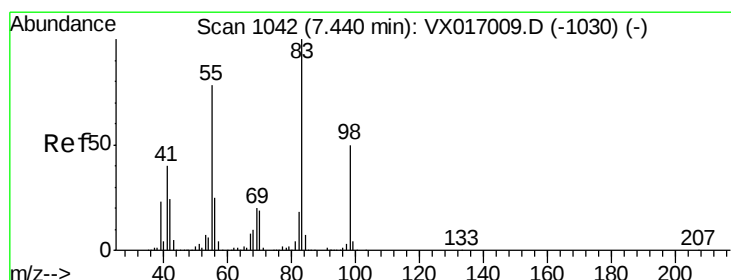
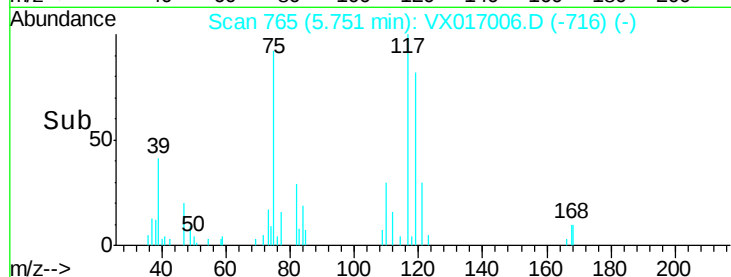
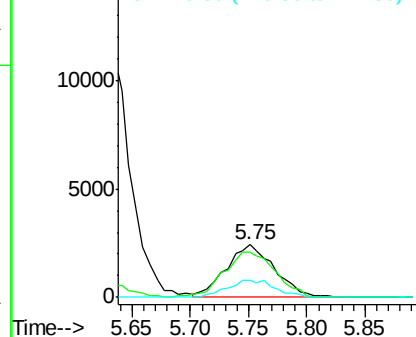


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 1.053 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

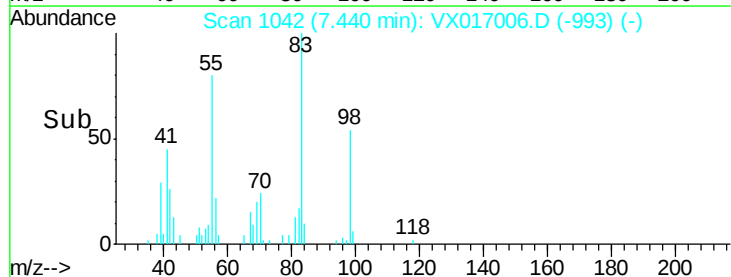
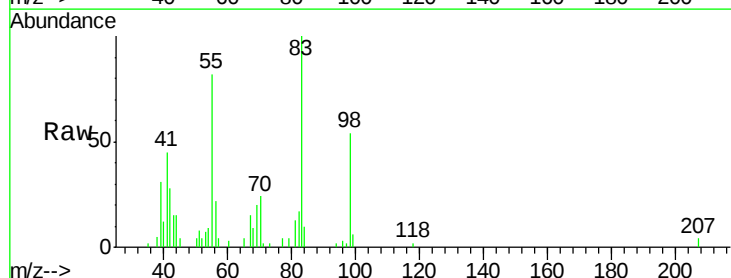
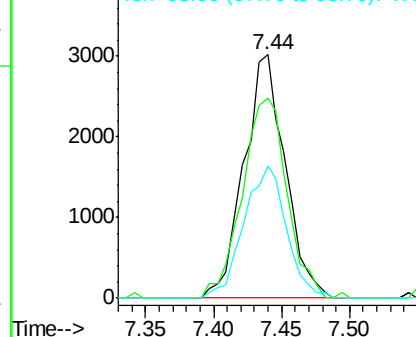
Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.3	62.5	93.7
98	54.1	40.1	60.1

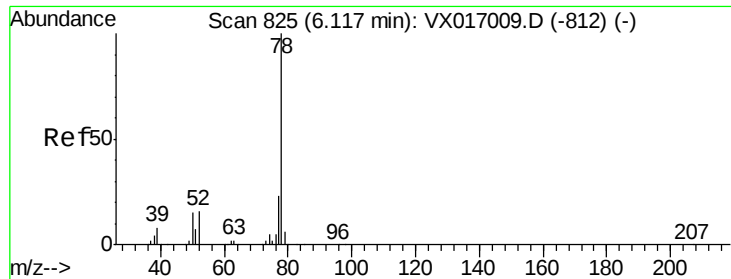
Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.142 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 18349

Ion Ratio Lower Upper

78 100

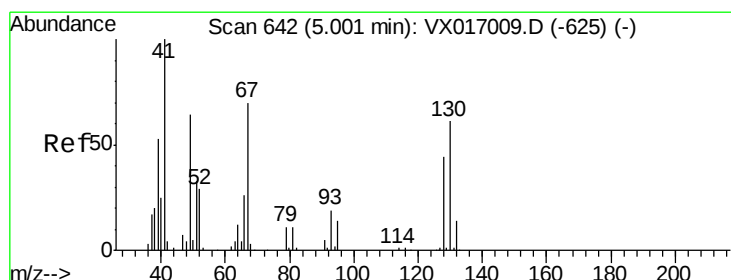
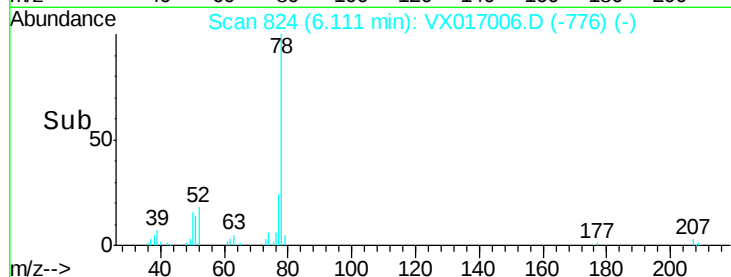
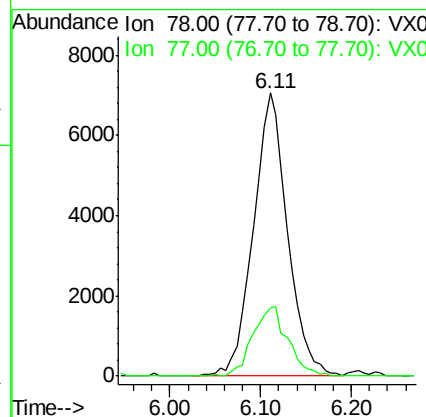
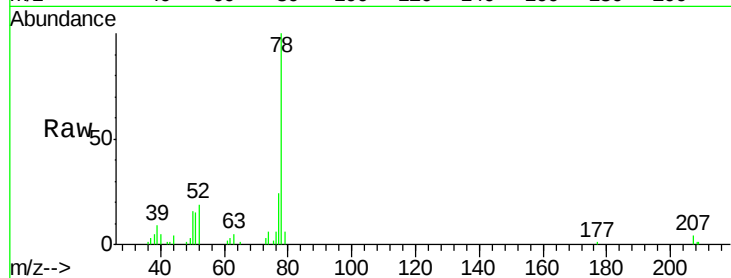
77 24.1 18.3 27.5

Manual Integrations

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#41

Methacrylonitrile

Concen: 1.131 ug/l

RT: 4.99 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion: 41 Resp: 3530

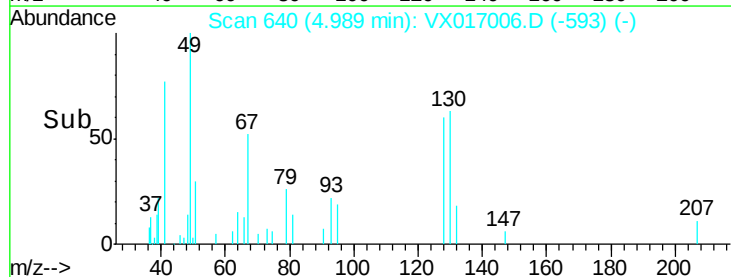
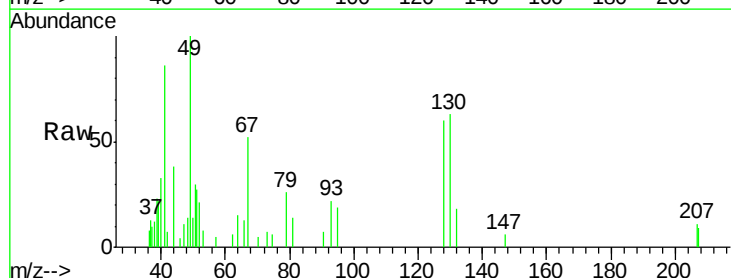
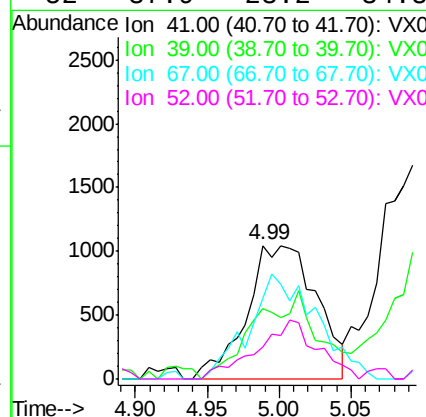
Ion Ratio Lower Upper

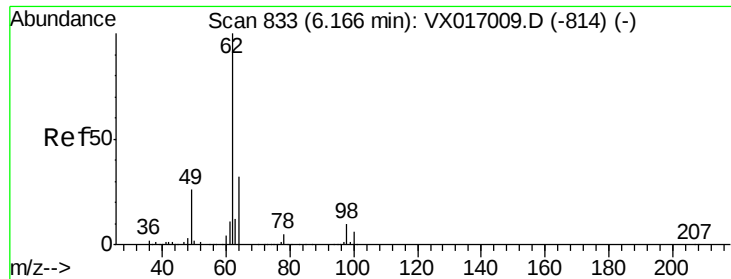
41 100

39 30.1 44.4 66.6#

67 76.1 57.1 85.7

52 37.9 23.2 34.8#





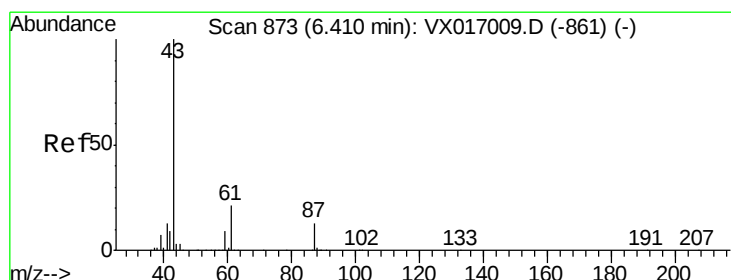
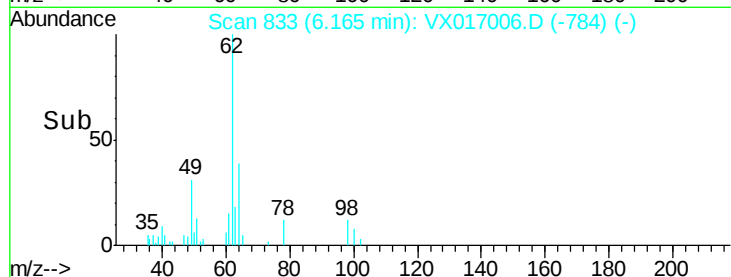
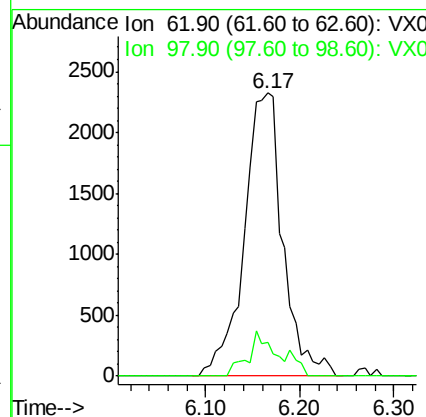
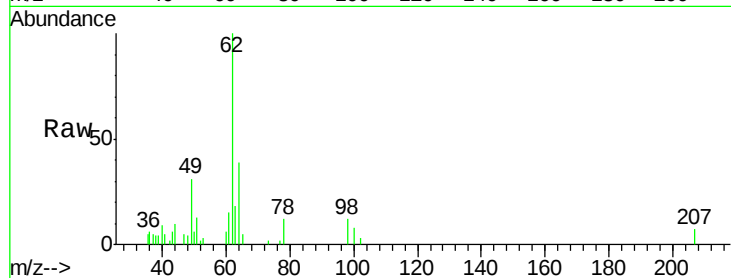
#42
 1,2-Dichloroethane
 Concen: 1.148 ug/l
 RT: 6.17 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2

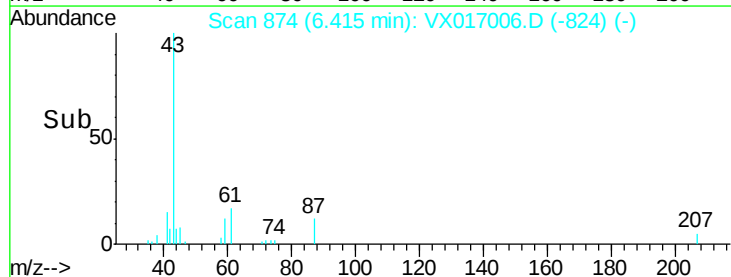
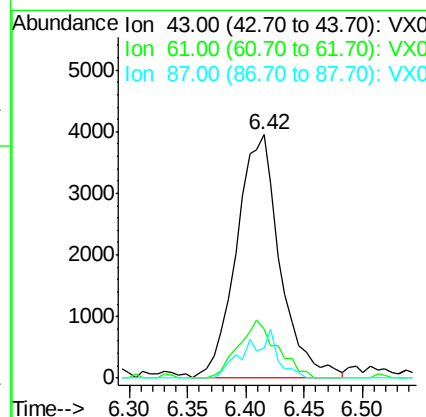
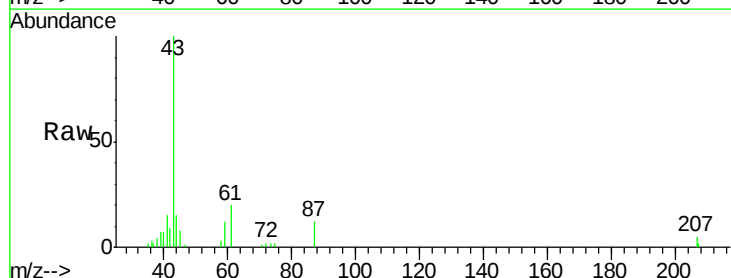
Manual Integrations
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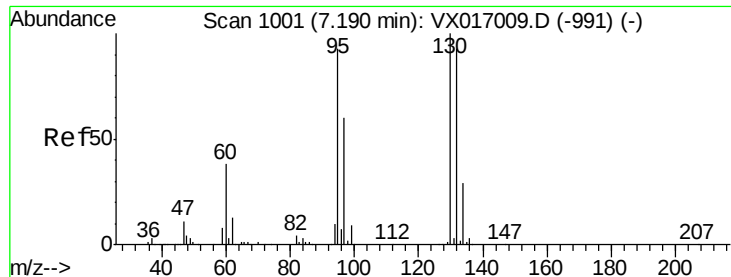
MMDadoda
 6/30/2020 10:12:40 AM



#43
 Isopropyl Acetate
 Concen: 1.114 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.2	24.2
87	14.3	10.7	16.1





#44

Trichloroethene

Concen: 1.290 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 6241

Ion Ratio Lower Upper

130 100

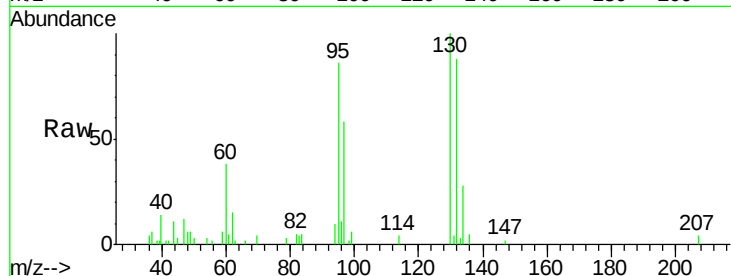
95 86.5 0.0 185.0

Manual Integrations

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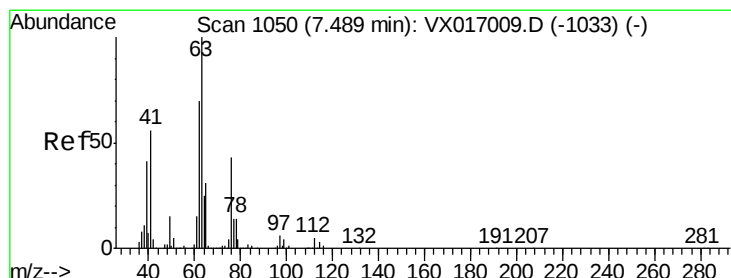
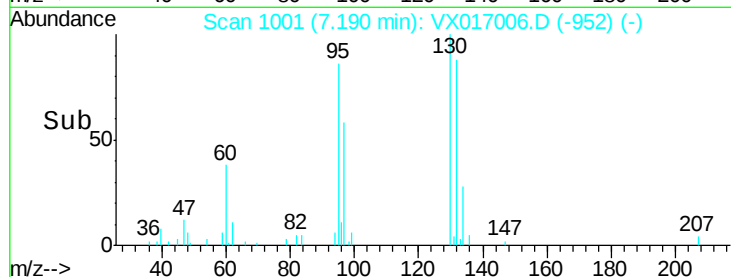
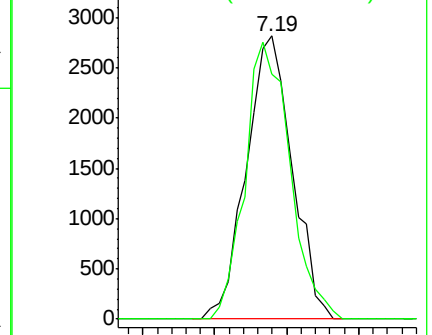
MMDadoda

6/30/2020 10:12:40 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.118 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017006.D

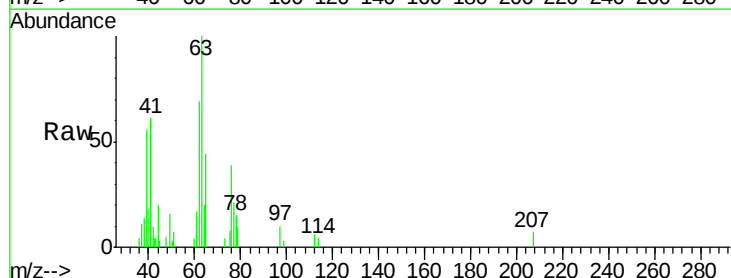
Acq: 29 Jun 2020 14:13

Tgt Ion: 63 Resp: 4612

Ion Ratio Lower Upper

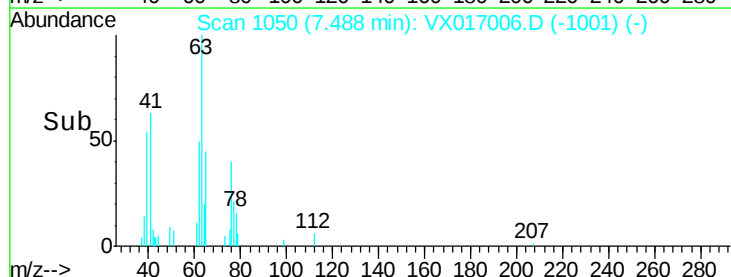
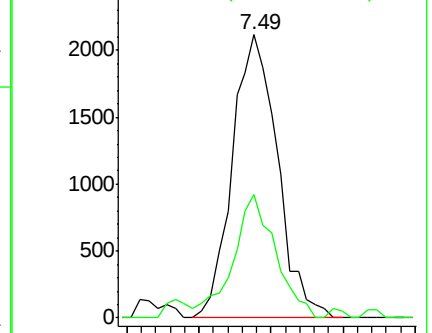
63 100

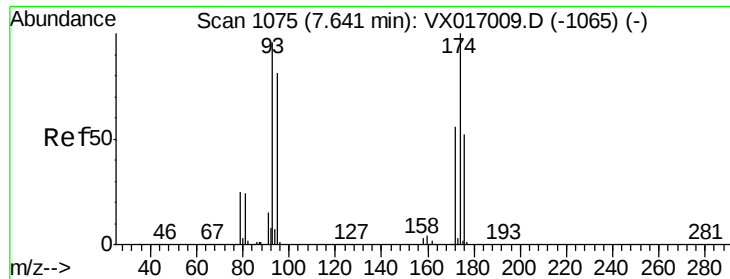
65 41.2 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.123 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

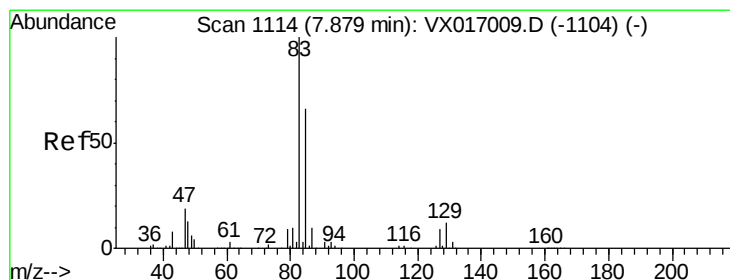
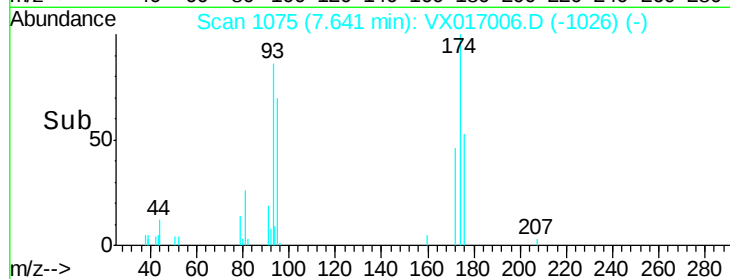
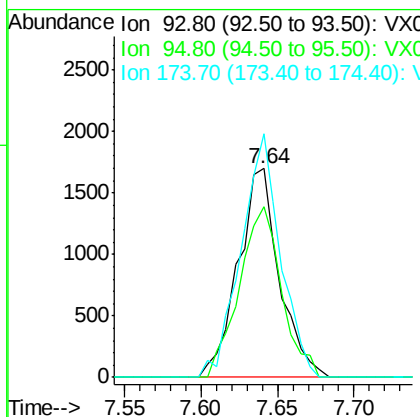
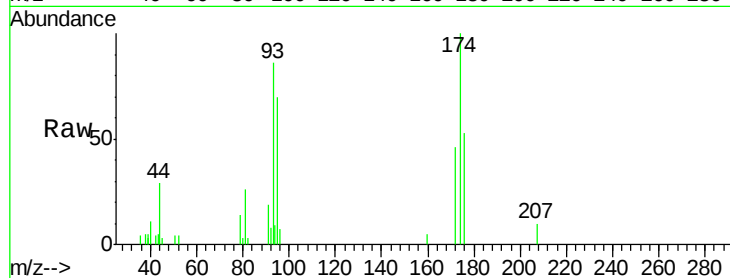
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	3164
Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.4	101.0
174	111.6	84.3	126.5

Manual Integrations
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MMDadoda
6/30/2020 10:12:40 AM



#47

Bromodichloromethane

Concen: 1.103 ug/l

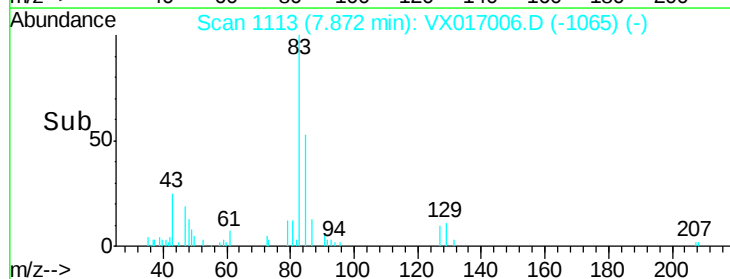
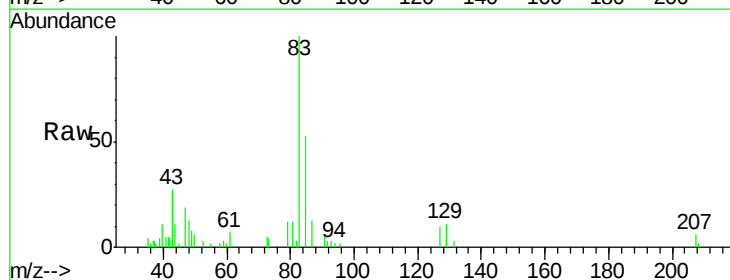
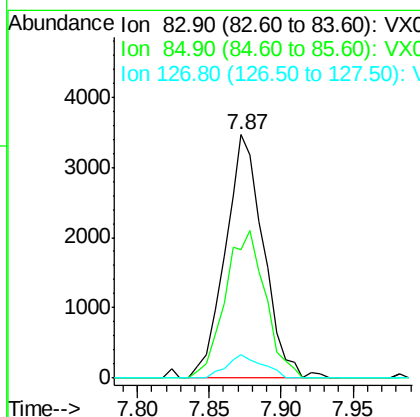
RT: 7.87 min Scan# 1113

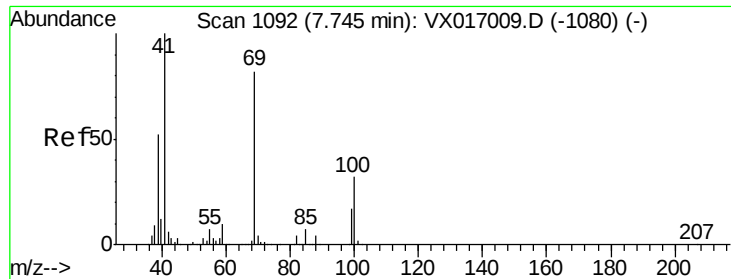
Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	83	Resp:	6402
Ion	Ratio	Lower	Upper
83	100		
85	52.8	53.0	79.4#
127	9.9	7.5	11.3





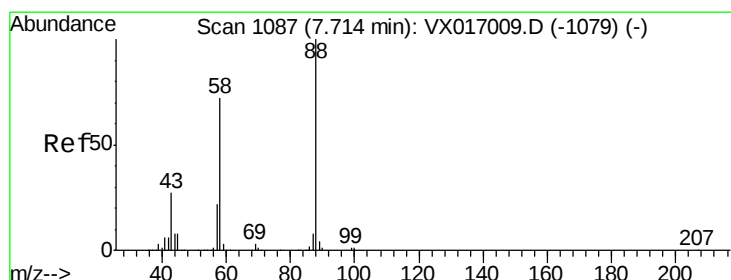
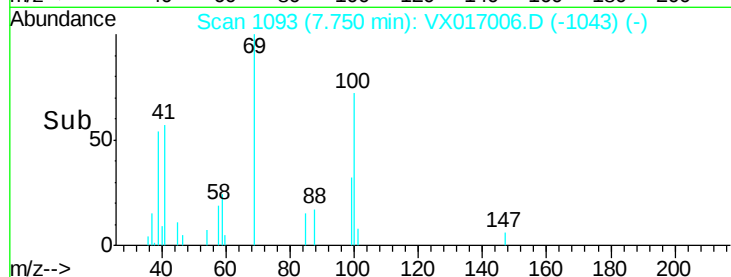
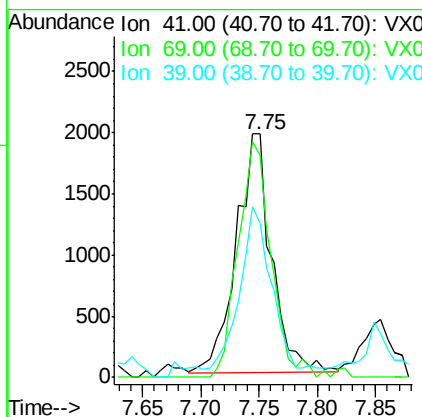
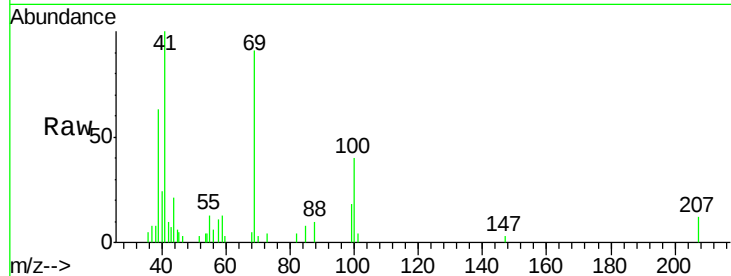
#48
Methvl methacrylate
Concen: 0.941 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:	41	Resp:	4121
Ion Ratio	Lower	Upper	
41	100		
69	92.3	65.8	98.8
39	63.6	42.5	63.7

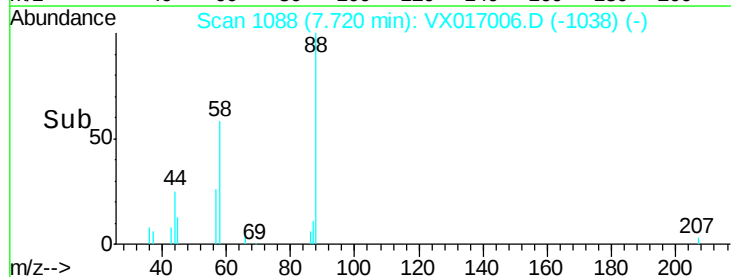
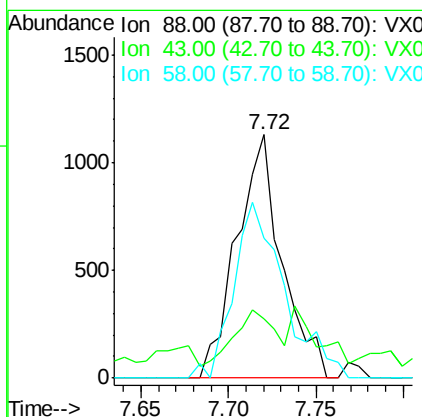
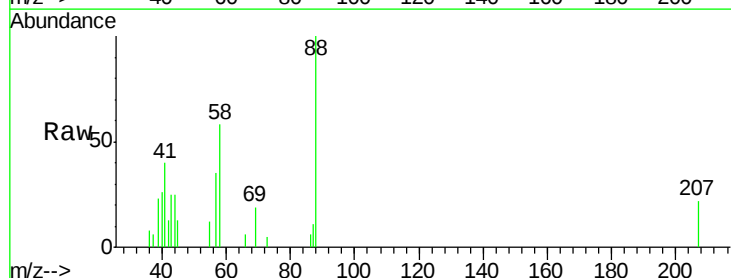
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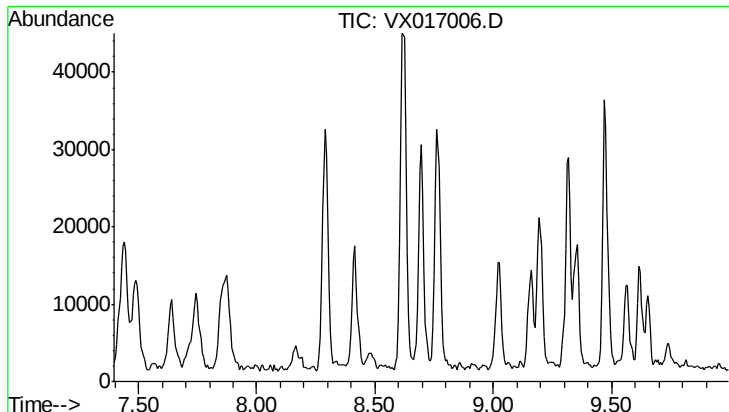
MMDadoda
6/30/2020 10:12:40 AM



#49
1,4-Dioxane
Concen: 20.534 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion:	88	Resp:	2037
Ion Ratio	Lower	Upper	
88	100		
43	20.6	25.8	38.8#
58	81.3	54.8	82.2





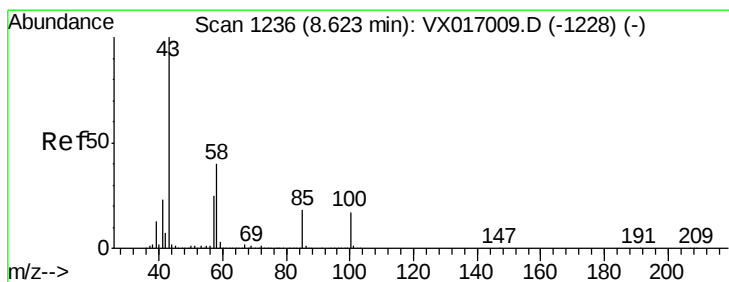
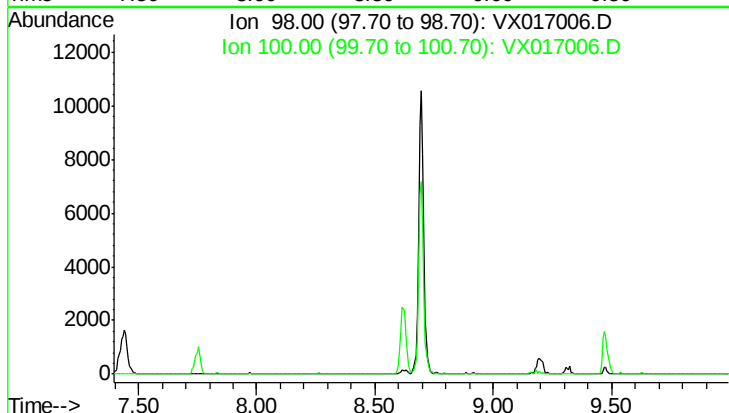
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 67.2

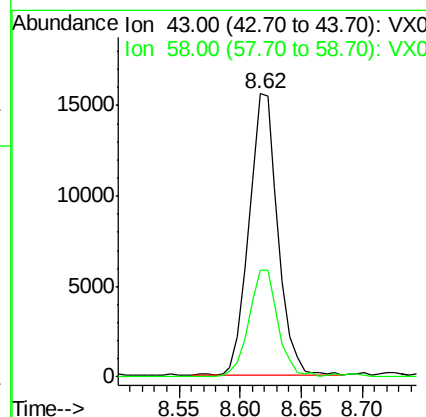
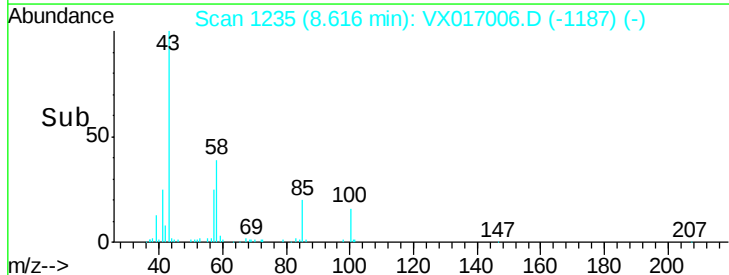
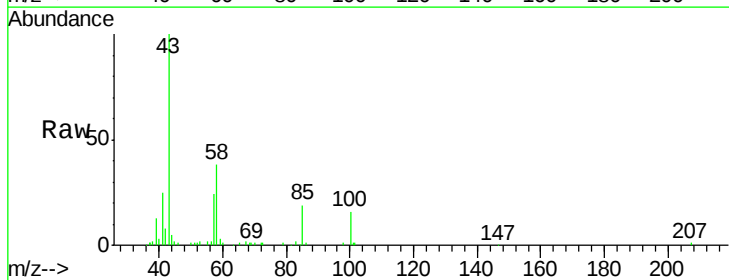
Manual Integrations
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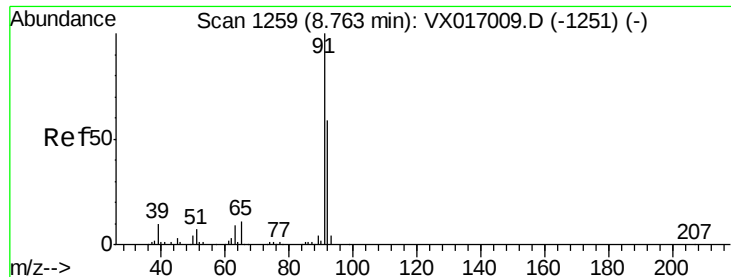
MMDadoda
6/30/2020 10:12:40 AM



#51
4-Methyl-2-Pentanone
Concen: 4.681 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 43 Resp: 25716
Ion Ratio Lower Upper
43 100
58 38.1 31.9 47.9





#52

Toluene

Concen: 1.086 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 10890

Ion Ratio Lower Upper

92 100

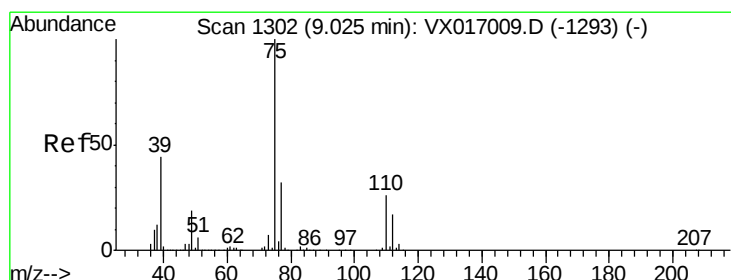
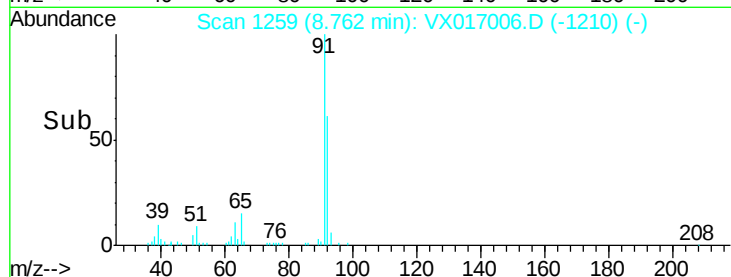
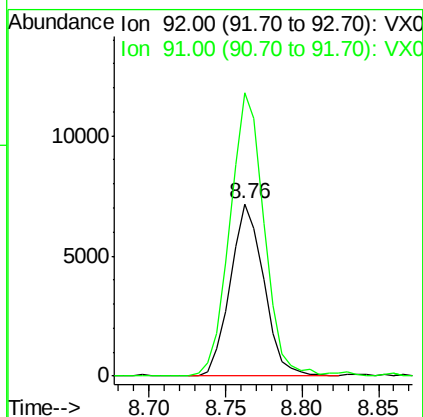
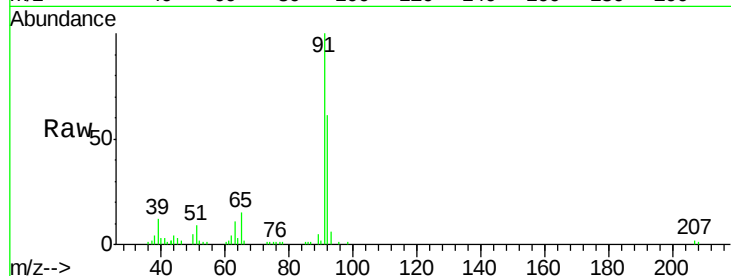
91 167.9 136.9 205.3

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 1.045 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017006.D

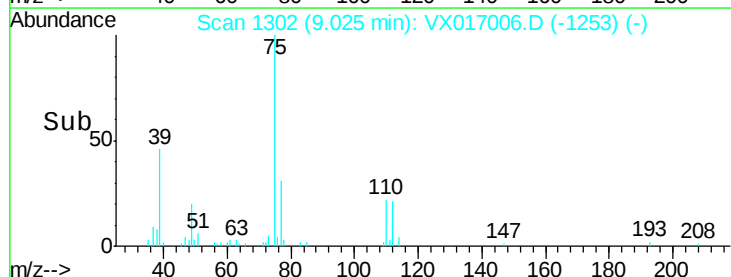
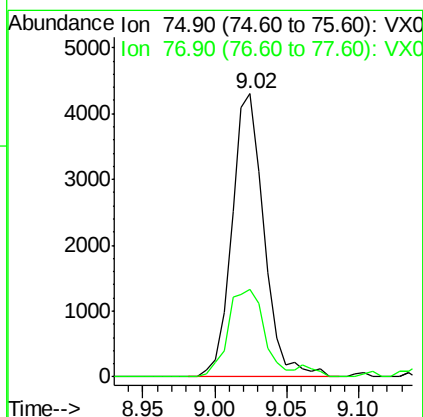
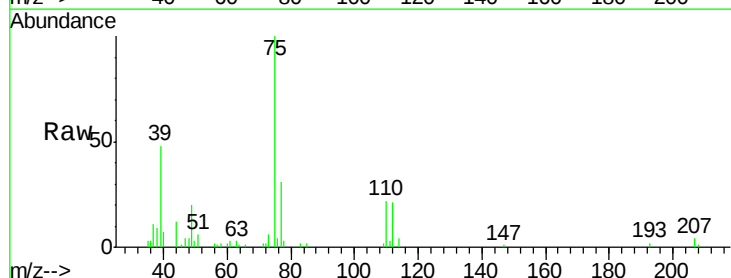
Acq: 29 Jun 2020 14:13

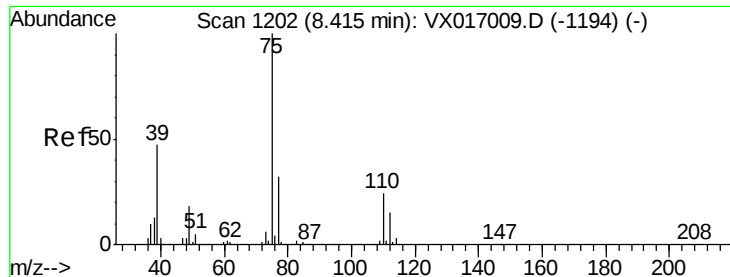
Tgt Ion: 75 Resp: 6692

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4





#54

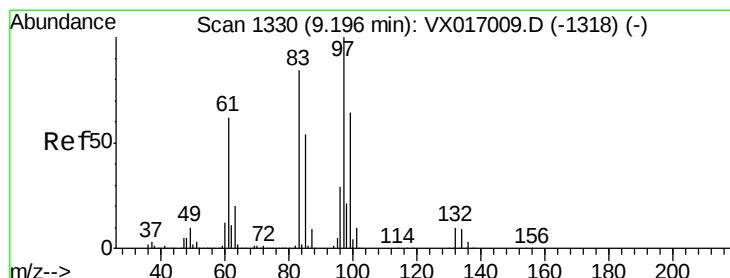
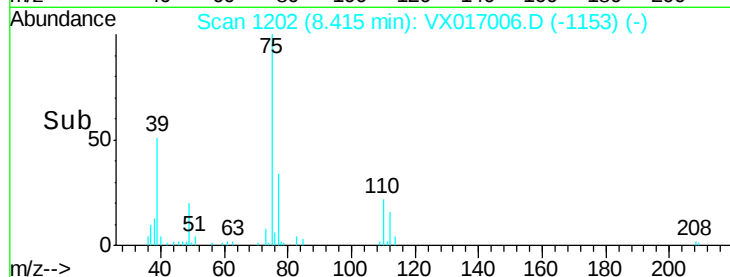
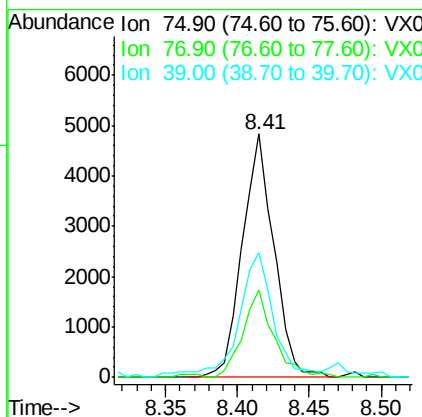
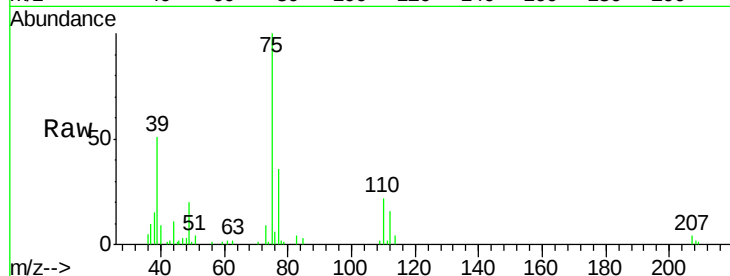
cis-1,3-Dichloropropene
Concen: 1.067 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.2	37.8
39	49.1	37.4	56.2

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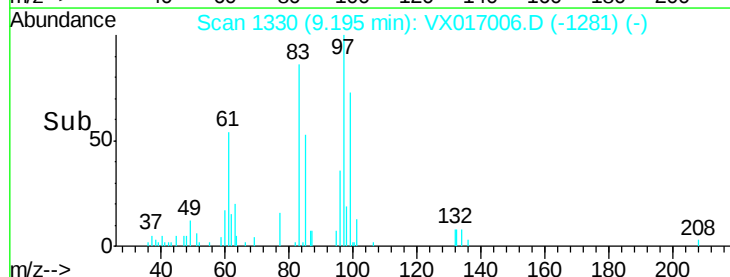
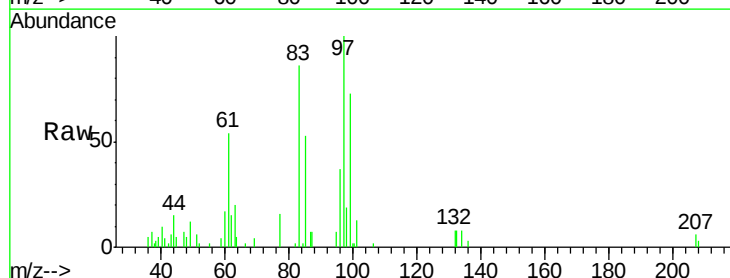
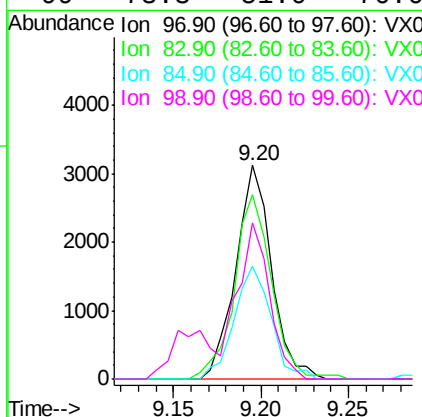
MMDadoda
6/30/2020 10:12:40 AM

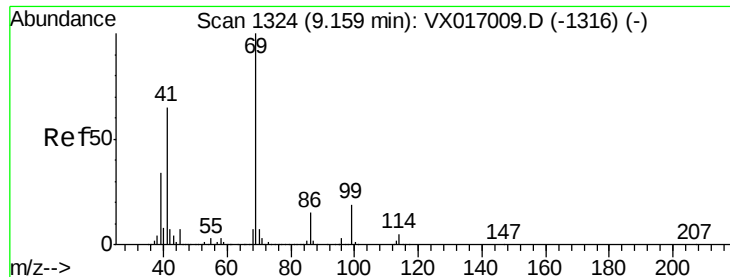


#55

1,1,2-Trichloroethane
Concen: 1.081 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.0	100.6
85	52.5	43.5	65.3
99	73.3	51.0	76.6





#56

Ethyl methacrylate

Concen: 0.888 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

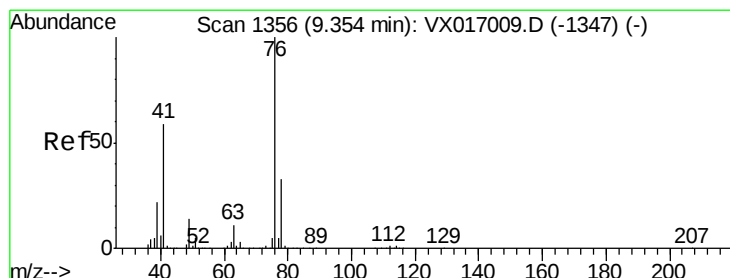
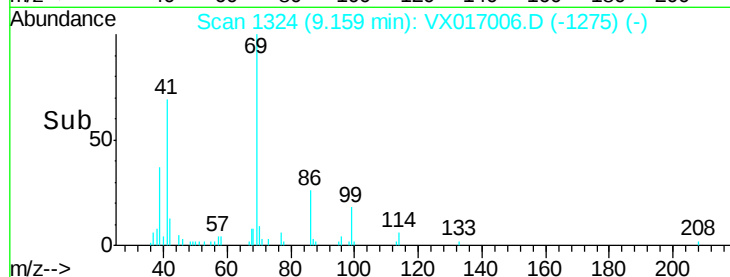
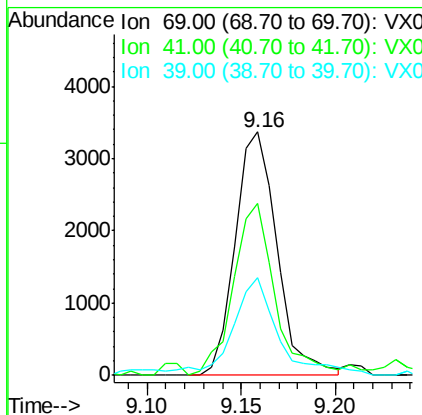
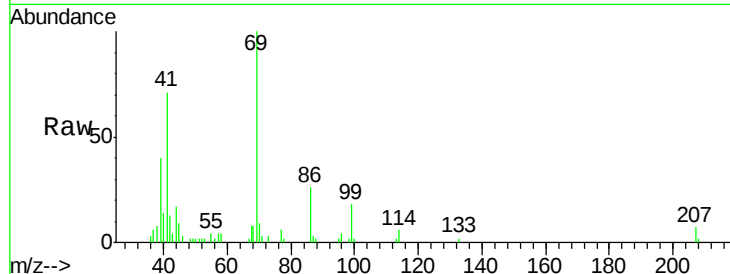
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5181
Ion	Ratio	Lower	Upper
69	100		
41	70.3	53.6	80.4
39	43.8	28.2	42.2#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.121 ug/l

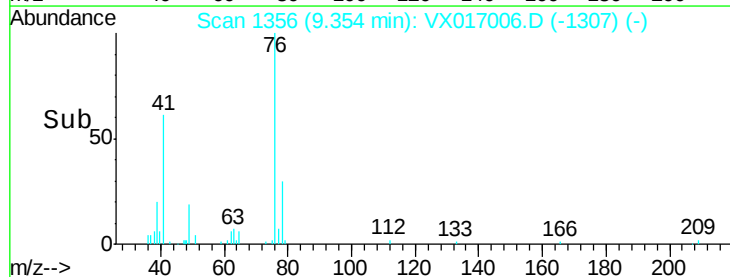
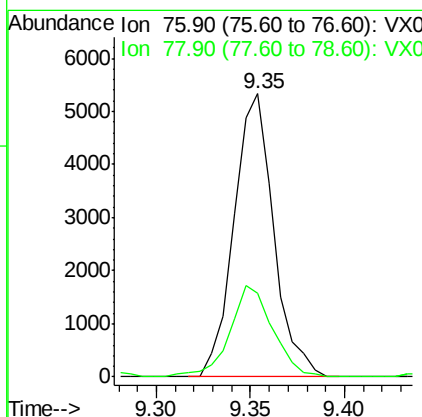
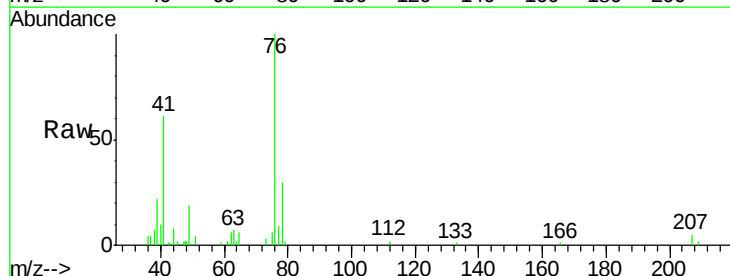
RT: 9.35 min Scan# 1356

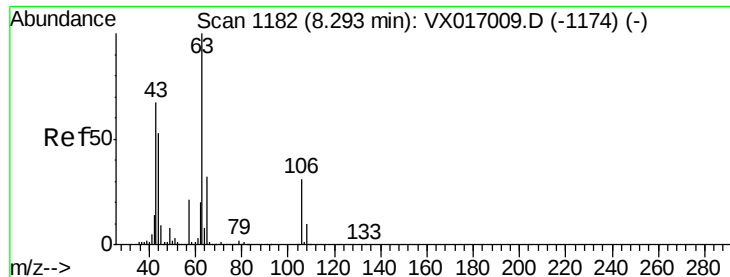
Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	76	Resp:	7773
Ion	Ratio	Lower	Upper
76	100		
78	35.1	25.9	38.9





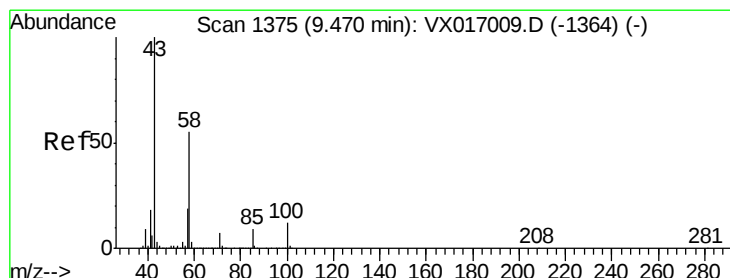
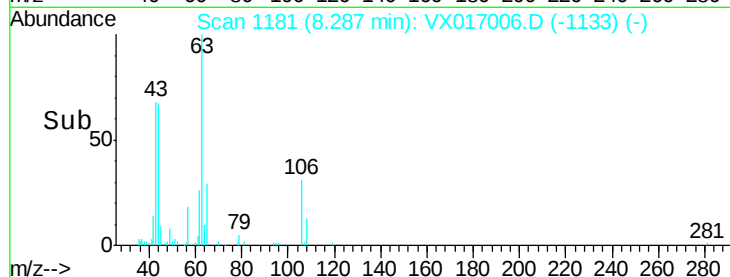
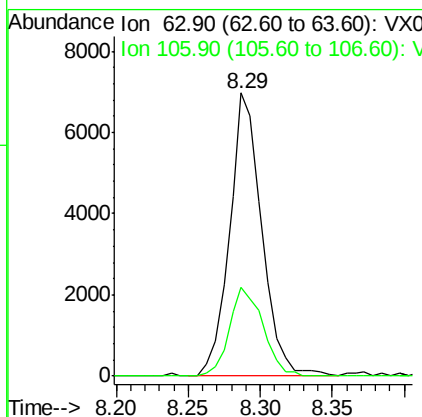
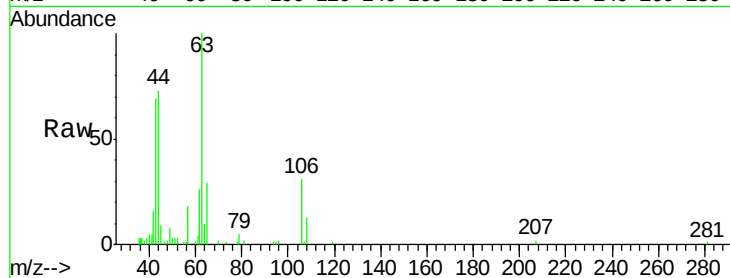
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.758 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 10907
 Ion Ratio Lower Upper
 63 100
 106 32.7 24.0 36.0

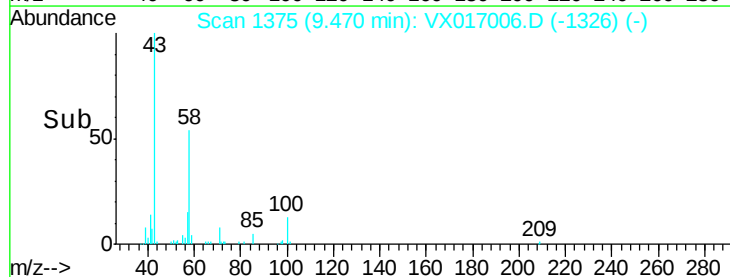
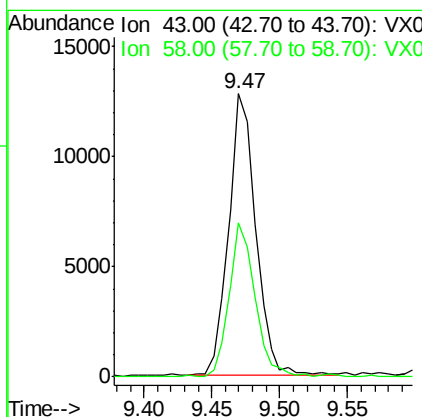
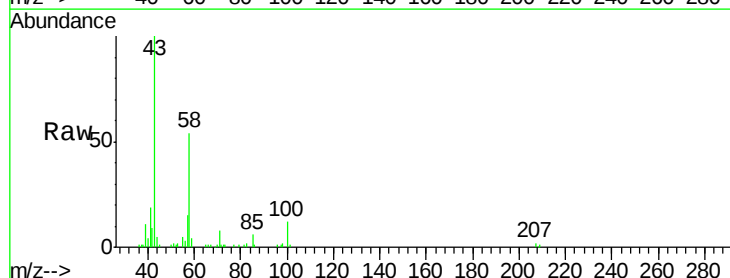
Manual Integrations
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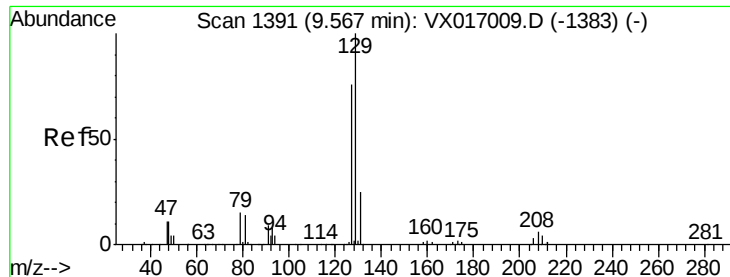
MMDadoda
 6/30/2020 10:12:40 AM



#59
 2-Hexanone
 Concen: 4.399 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion: 43 Resp: 17651
 Ion Ratio Lower Upper
 43 100
 58 52.7 27.9 83.6





#60

Dibromochloromethane

Concen: 1.042 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 4958

Ion Ratio Lower Upper

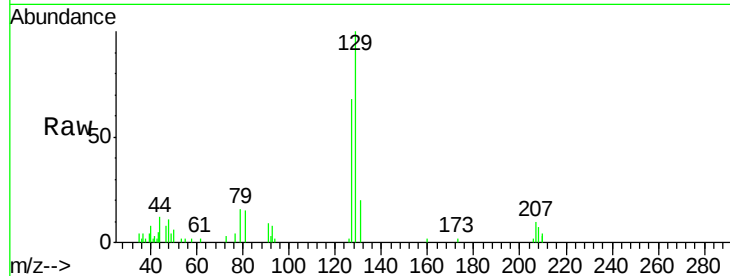
129 100

127 77.1 38.9 116.7

Manual Integrations
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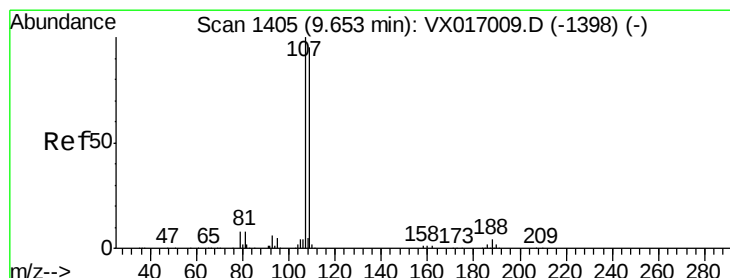
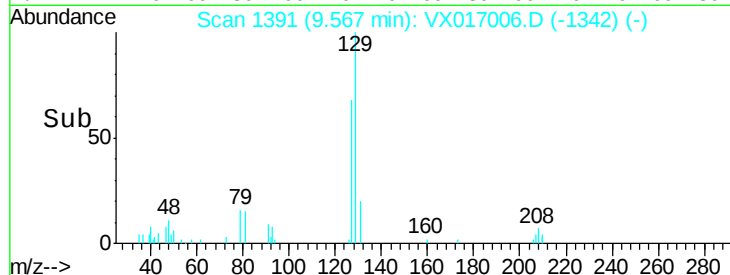
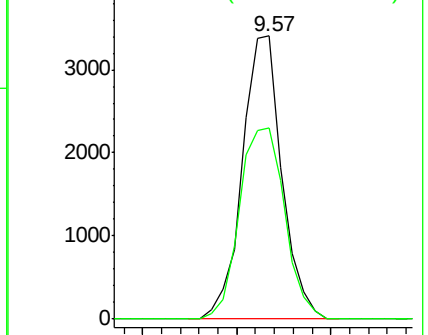
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.064 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017006.D

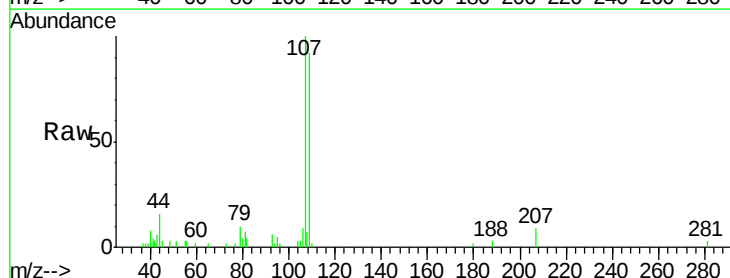
Acq: 29 Jun 2020 14:13

Tgt Ion:107 Resp: 4685

Ion Ratio Lower Upper

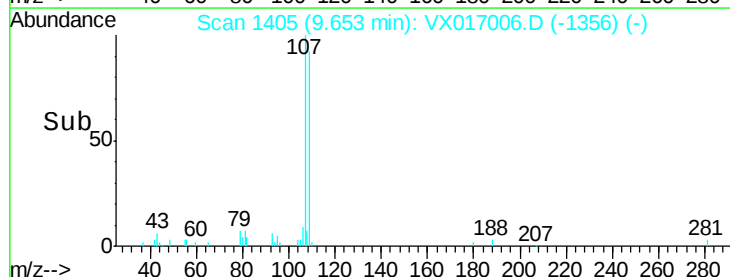
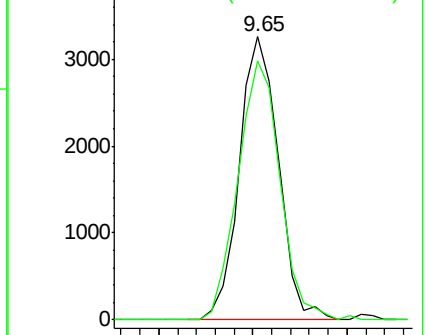
107 100

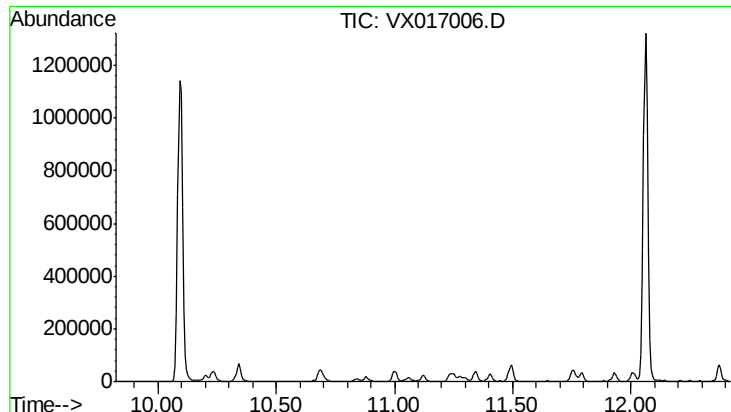
109 98.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tot Ion	95	Exp Ratio
95	100	
174	82.0	
176	78.8	

Instrument :

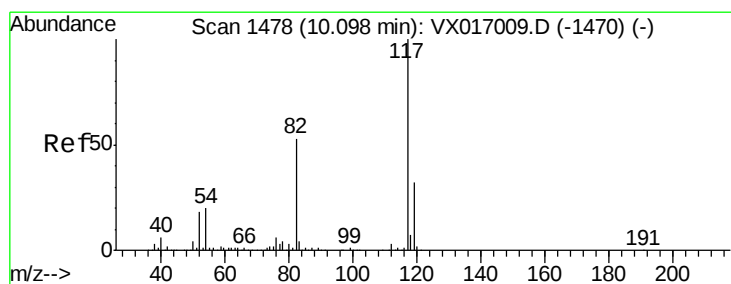
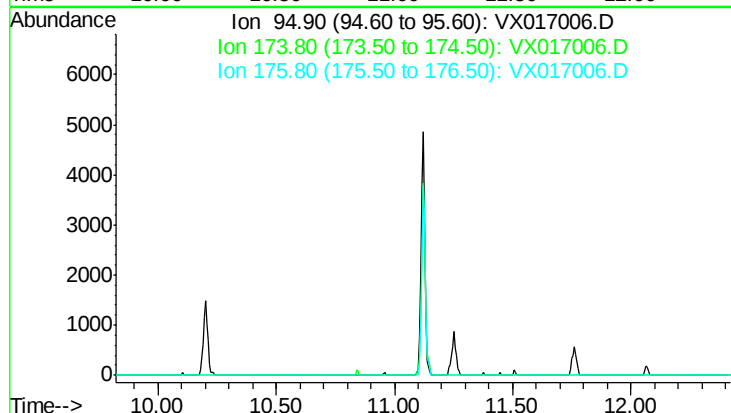
MSVOA_X

ClientSampleId :

VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

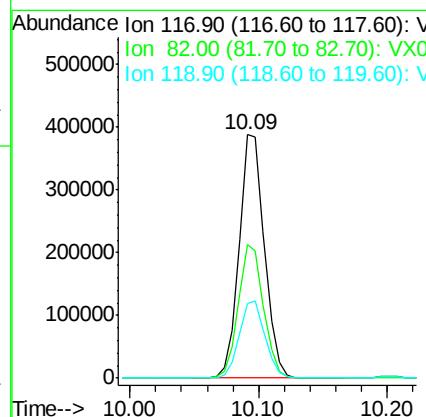
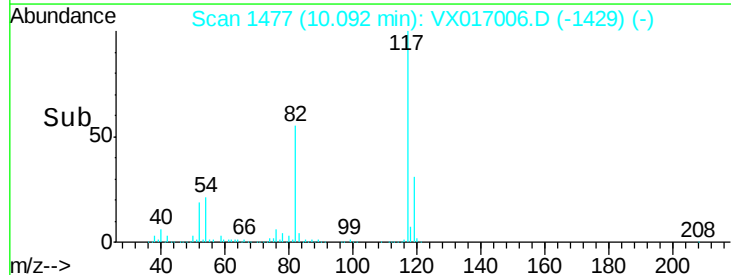
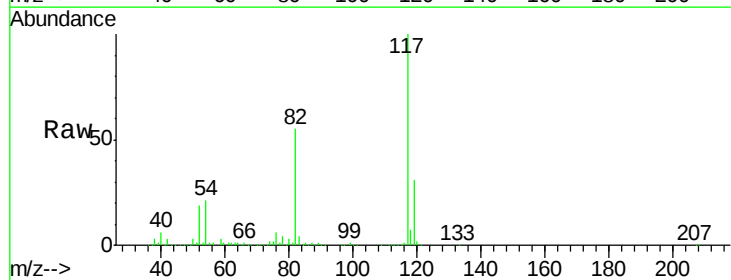
RT: 10.09 min Scan# 1477

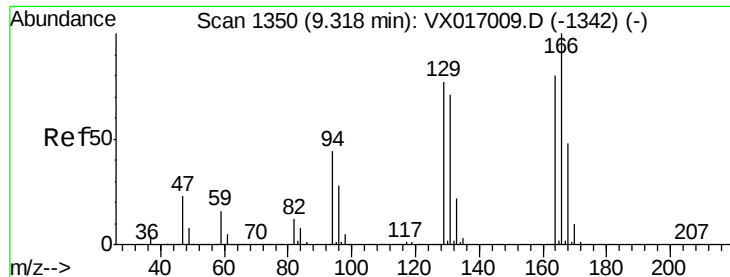
Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion	117	Resp	530301
Ion Ratio	Lower	Upper	
117	100		
82	54.9	42.6	63.8
119	30.8	25.4	38.2





#64

Tetrachloroethene

Concen: 1.231 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 5270

Ion Ratio Lower Upper

164 100

166 121.5 99.4 149.0

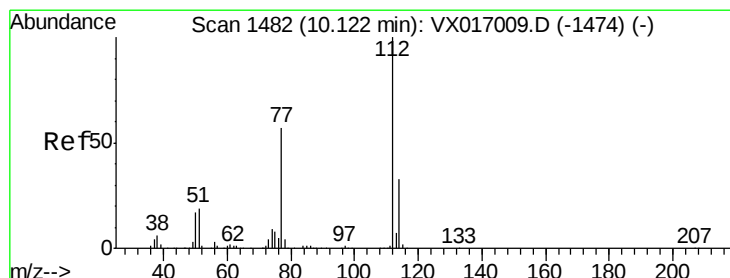
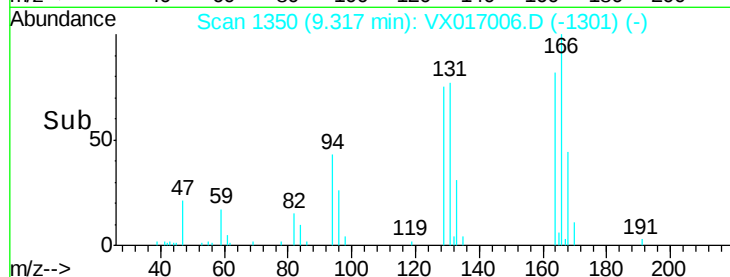
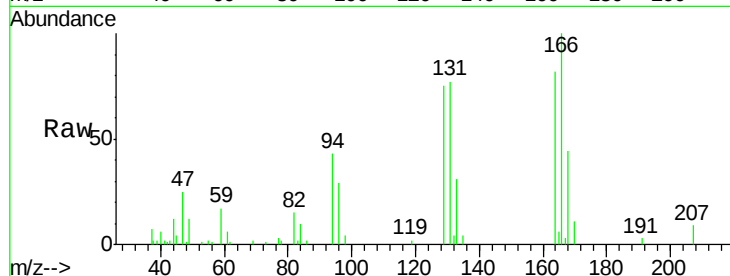
129 91.4 76.3 114.5

131 94.0 70.6 105.8

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#65

Chlorobenzene

Concen: 1.184 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017006.D

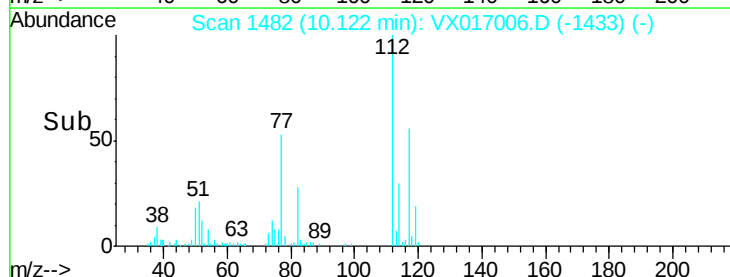
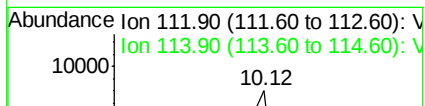
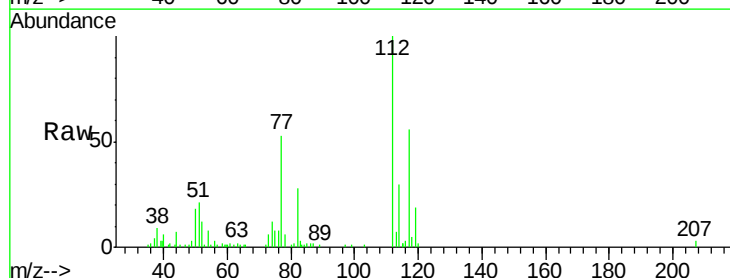
Acq: 29 Jun 2020 14:13

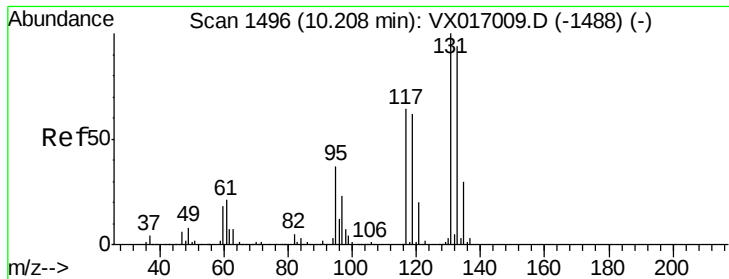
Tgt Ion:112 Resp: 12955

Ion Ratio Lower Upper

112 100

114 30.4 26.2 39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 1.159 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 4889

Ion Ratio Lower Upper

131 100

133 98.4 47.3 141.9

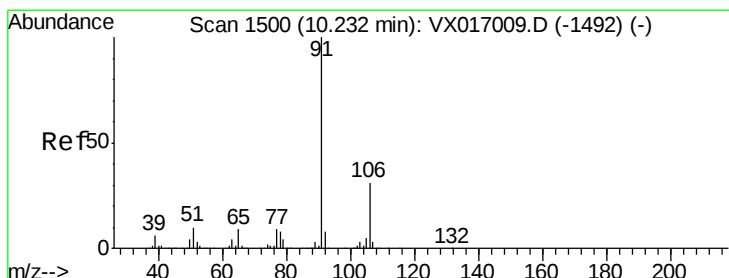
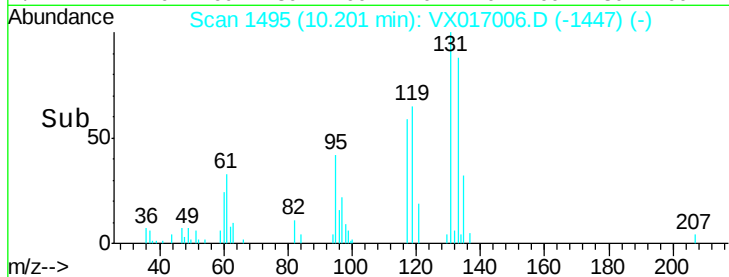
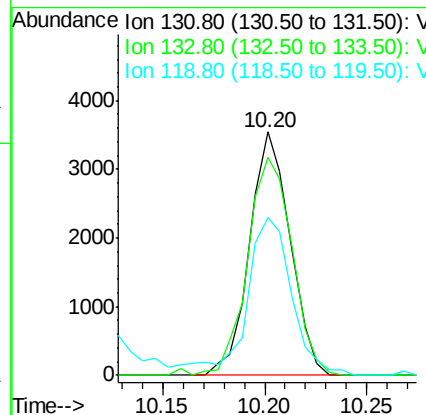
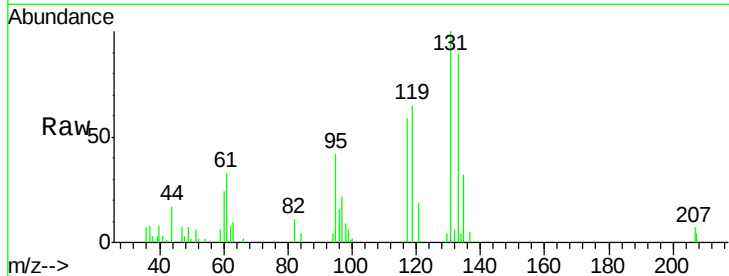
119 0.0 31.9 95.5#

Manual Integrations

APPROVED

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6/30/2020 10:12:40 AM



#67

Ethyl Benzene

Concen: 1.062 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017006.D

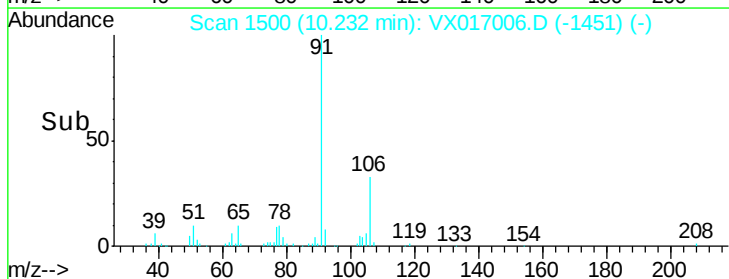
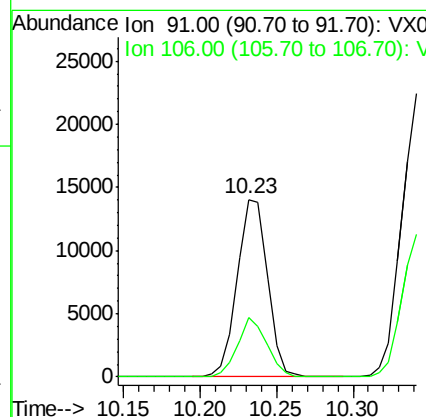
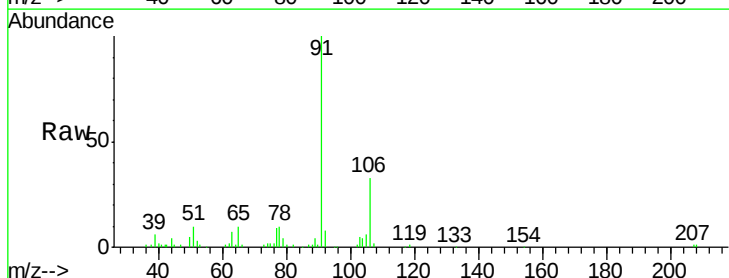
Acq: 29 Jun 2020 14:13

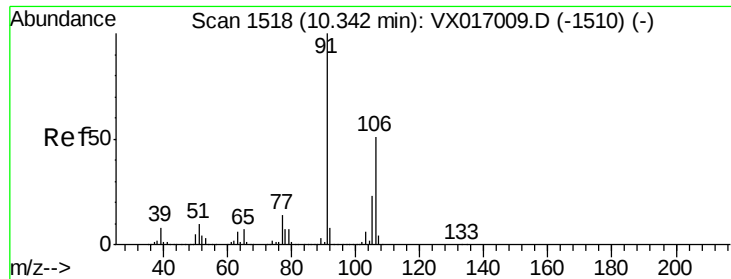
Tgt Ion: 91 Resp: 19420

Ion Ratio Lower Upper

91 100

106 33.5 24.7 37.1





#68

m/p-Xvlenes

Concen: 2.115 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 14842

Ion Ratio Lower Upper

106 100

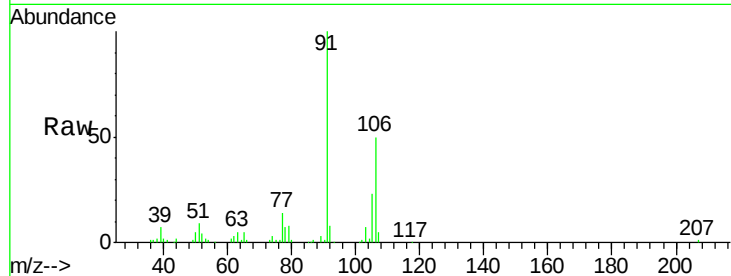
91 197.6 158.6 238.0

Manual Integrations

APPROVED

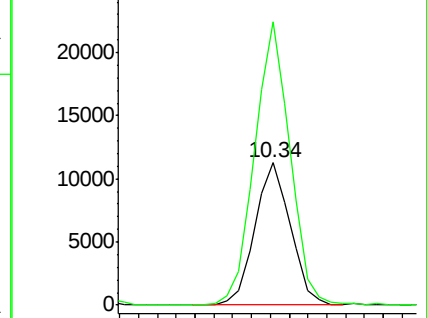
MMDadoda

6/30/2020 10:12:40 AM

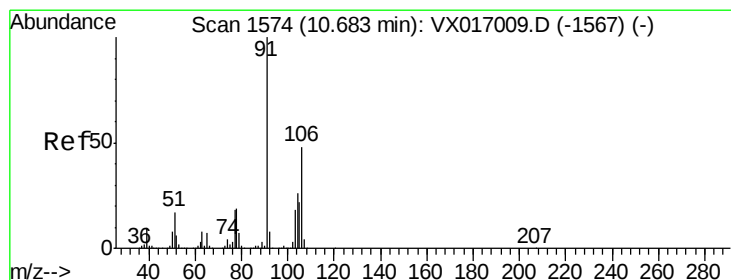
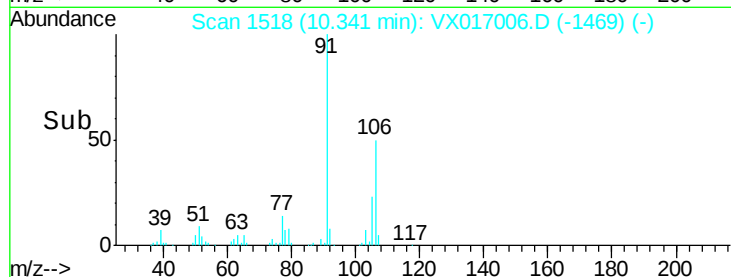


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#69

o-Xylene

Concen: 1.035 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017006.D

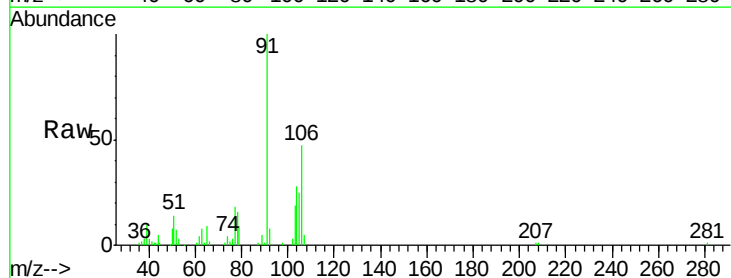
Acq: 29 Jun 2020 14:13

Tgt Ion:106 Resp: 6909

Ion Ratio Lower Upper

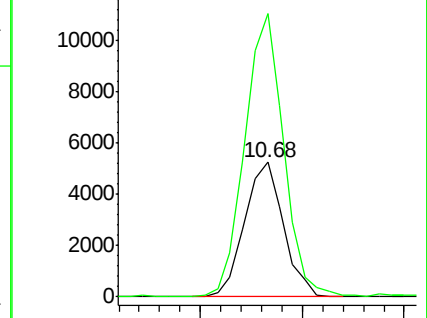
106 100

91 211.0 105.6 316.7

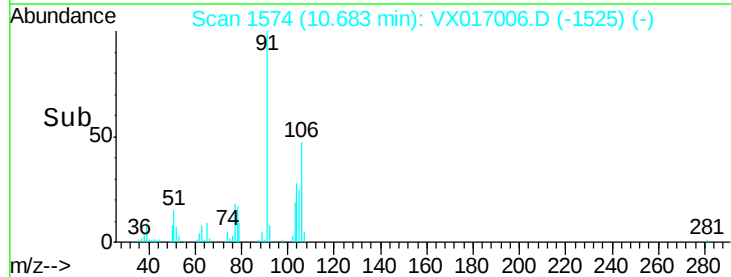


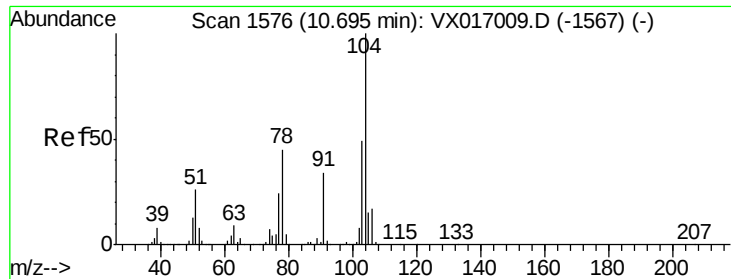
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





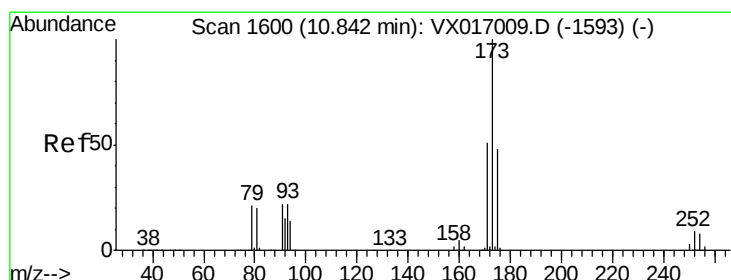
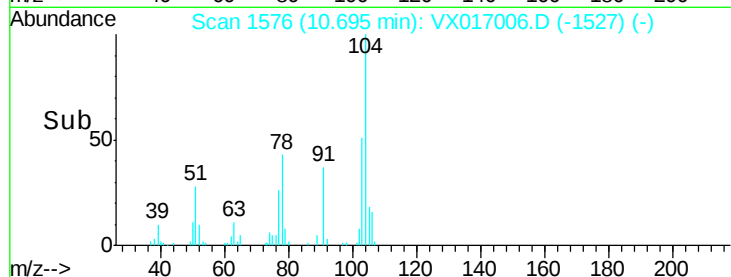
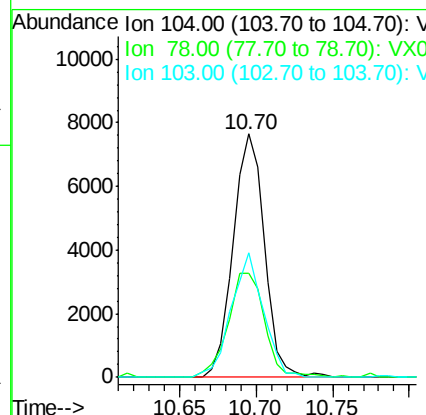
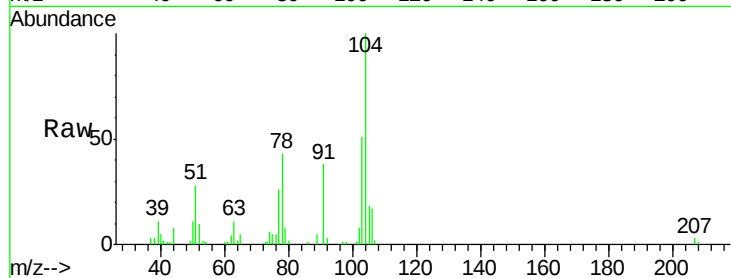
#70
Stvrene
Concen: 0.953 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.5	39.5	59.3
103	52.7	43.0	64.6

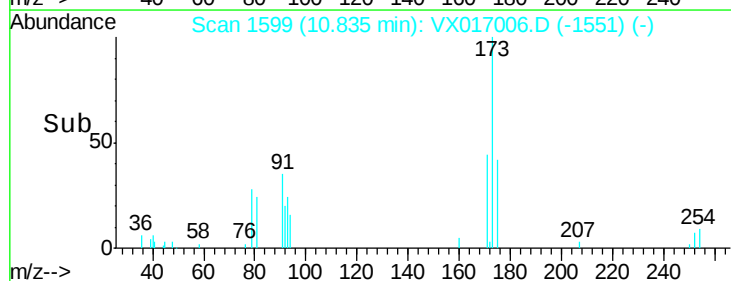
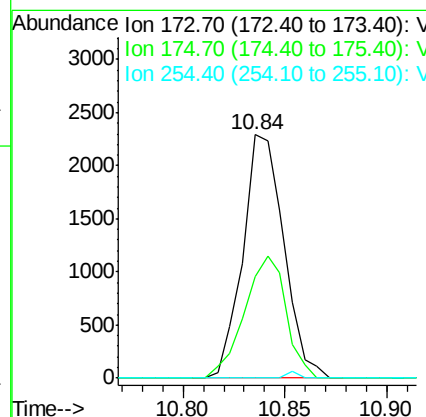
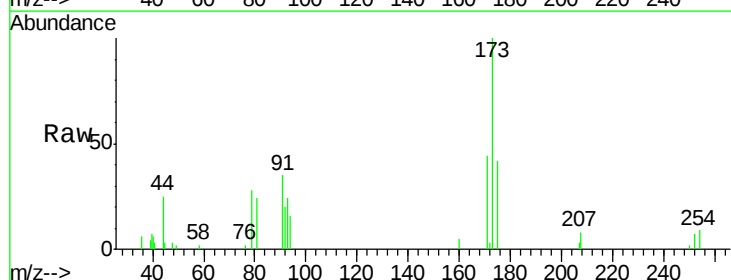
Manual Integrations
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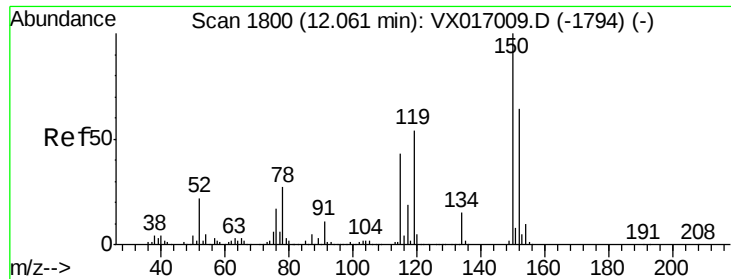
MMDadoda
6/30/2020 10:12:40 AM



#71
Bromoform
Concen: 0.955 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.1	24.5	73.5
254	0.7	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

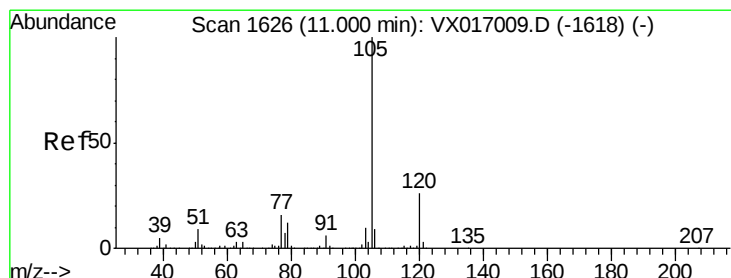
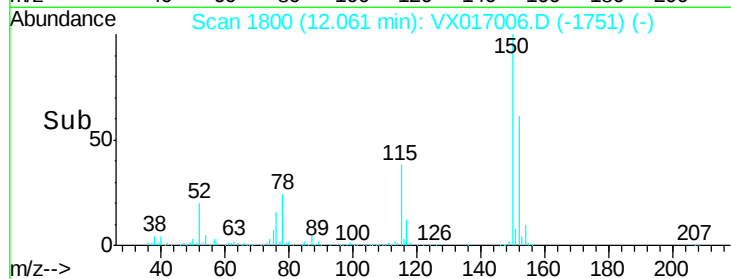
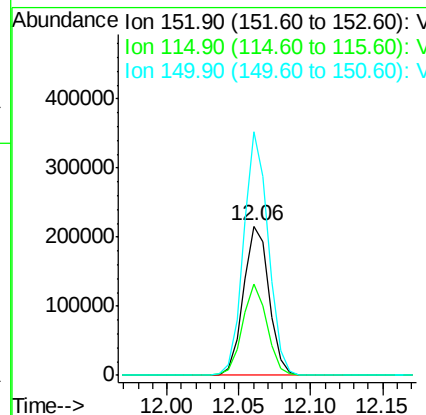
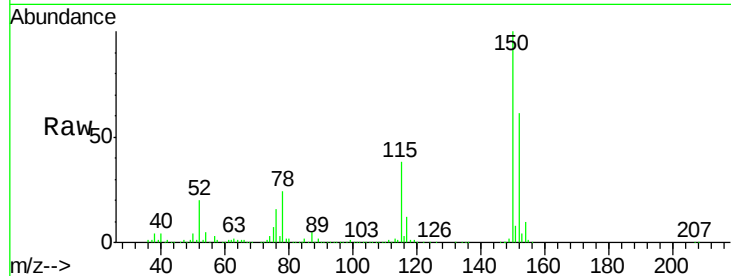
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	264891
Ion Ratio	Lower	Upper	
152	100		
115	59.0	40.9	122.7
150	157.5	0.0	351.6

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.981 ug/l

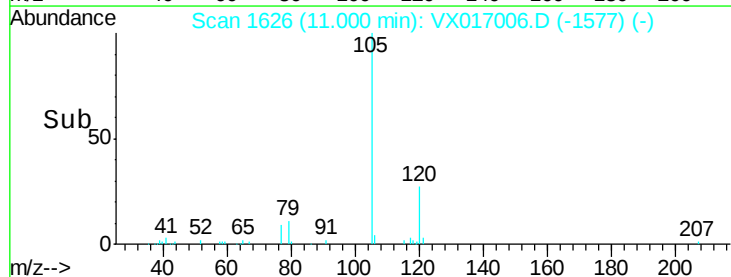
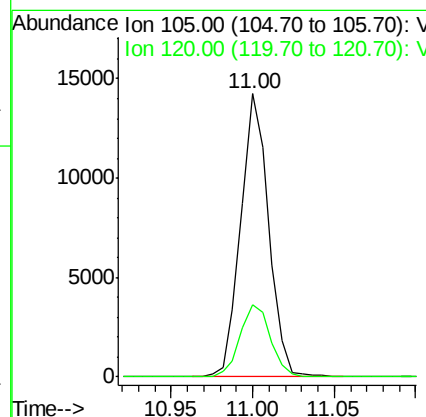
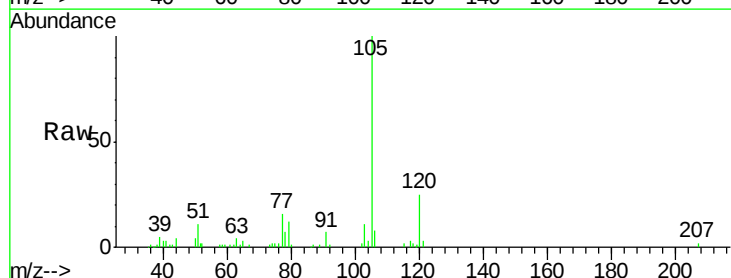
RT: 11.00 min Scan# 1626

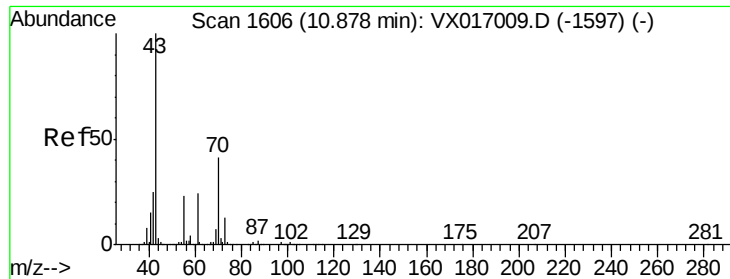
Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	105	Resp:	17016
Ion Ratio	Lower	Upper	
105	100		
120	27.6	13.4	40.2





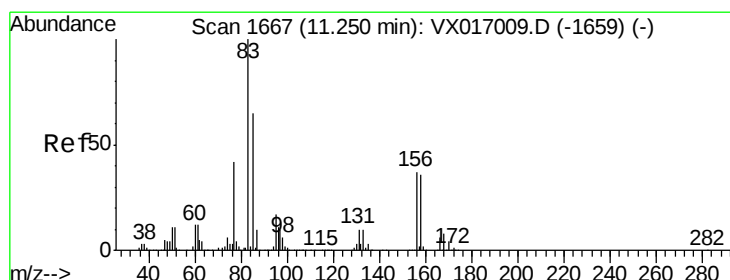
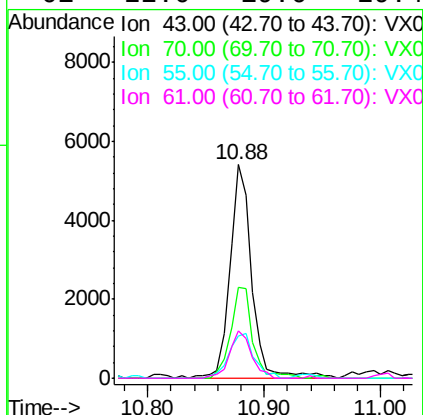
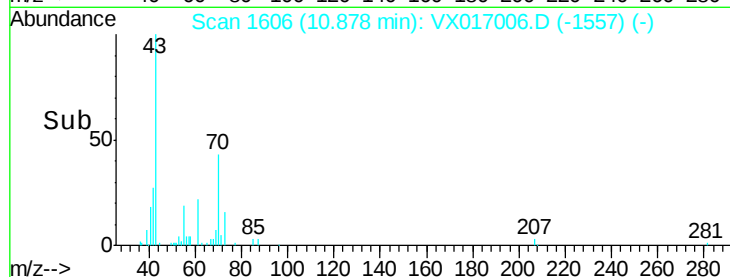
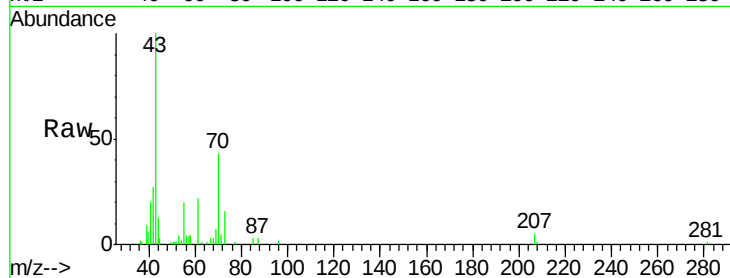
#74
N-amvl acetate
Concen: 0.953 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	43.1	34.2	51.2
55	23.9	19.2	28.8
61	22.0	19.6	29.4

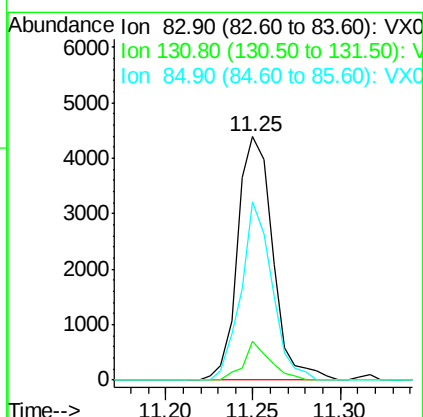
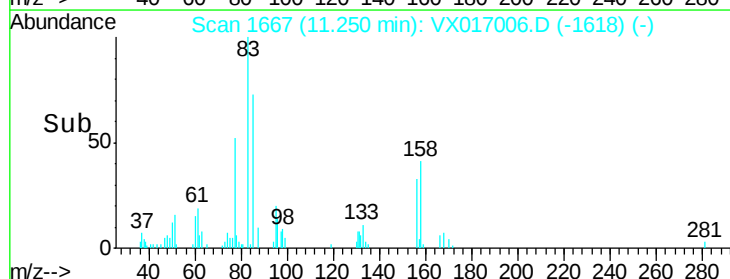
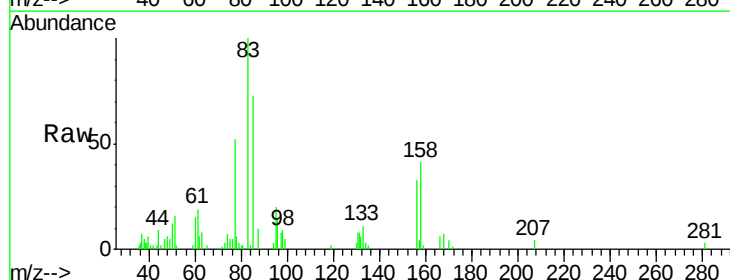
Manual Integrations
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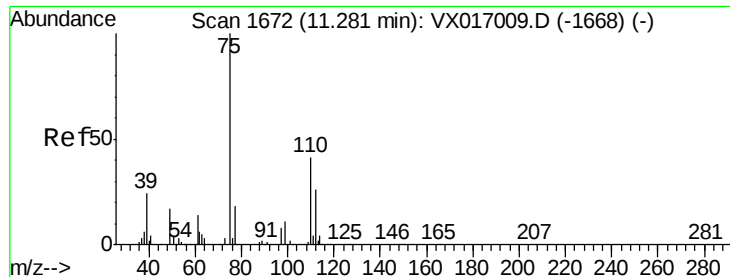
MMDadoda
6/30/2020 10:12:40 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 1.127 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.4	16.2
85	64.8	31.9	95.9





#76

1,2,3-Trichloropropane

Concen: 0.878 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 5730

Ion Ratio Lower Upper

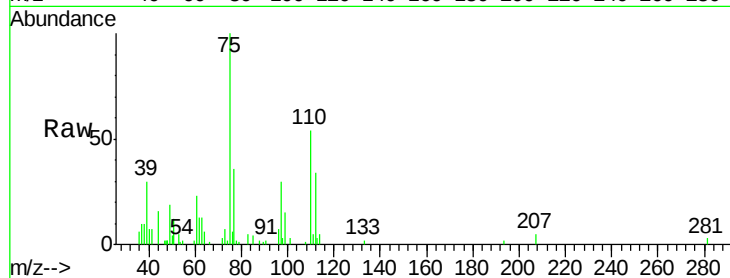
75 100

77 42.4 20.2 60.6

Manual Integrations
APPROVED

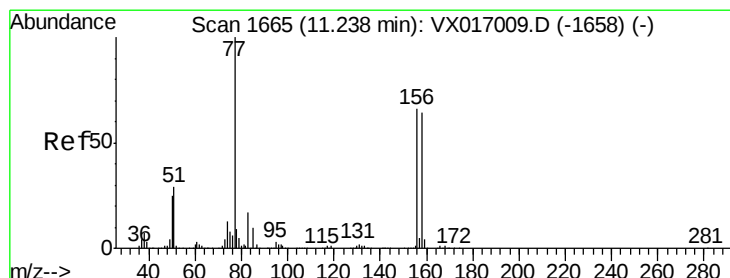
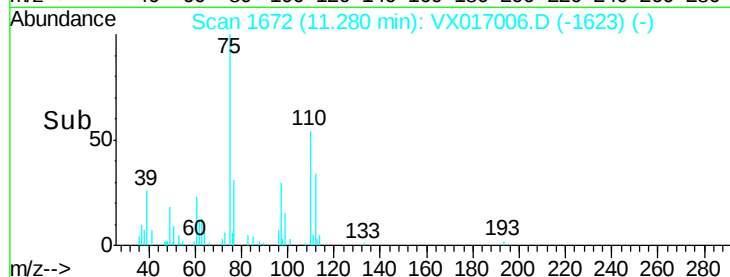
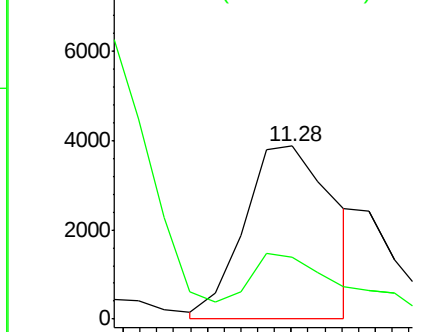
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 1.155 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

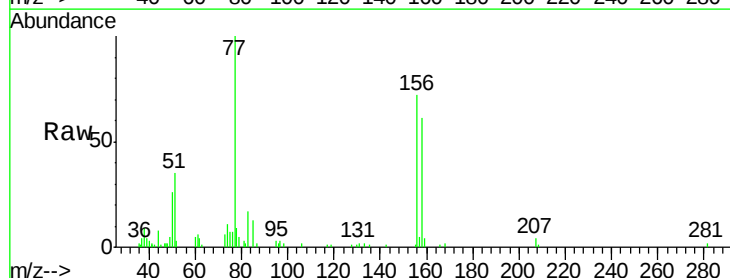
Tgt Ion: 156 Resp: 5506

Ion Ratio Lower Upper

156 100

77 154.9 76.9 230.7

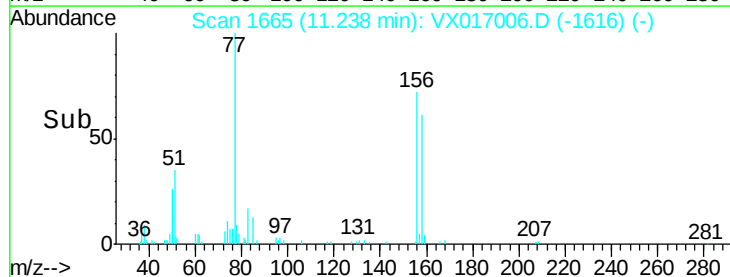
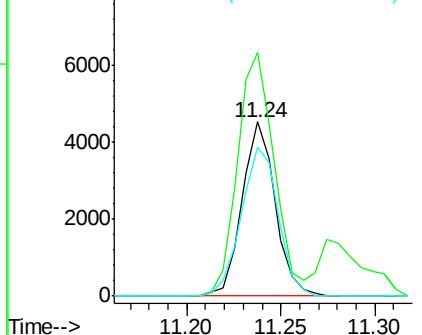
158 95.3 47.9 143.6

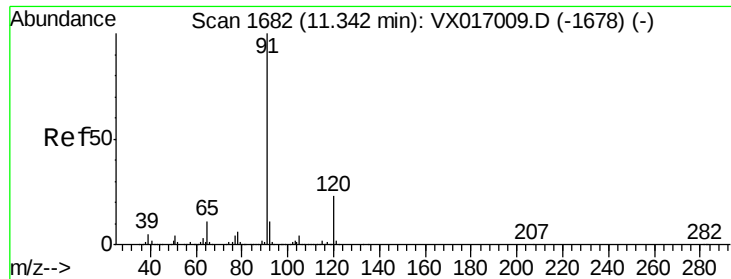


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.971 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 19048

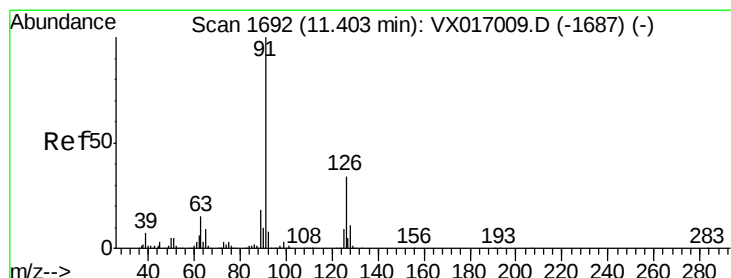
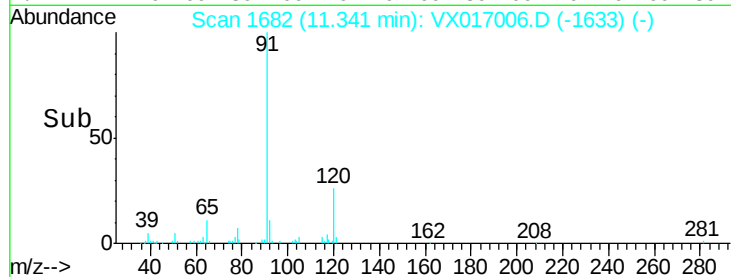
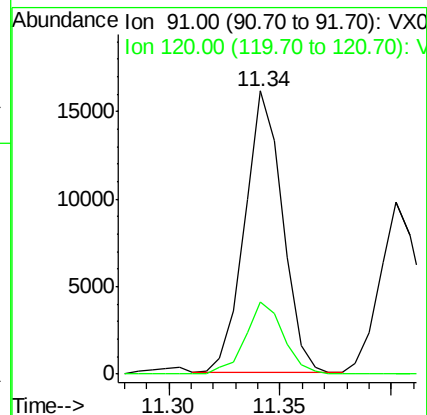
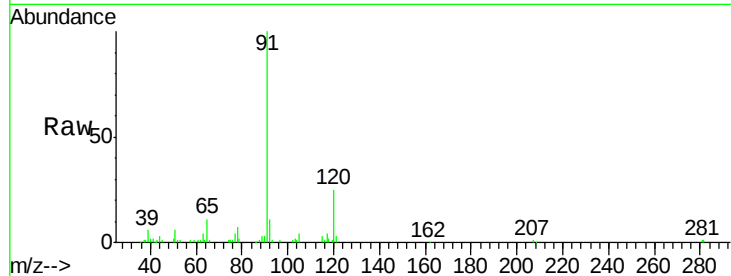
Ion Ratio Lower Upper

91 100

120 25.9 11.9 35.9

Manual Integrations
APPROVED

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#79

2-Chlorotoluene

Concen: 1.028 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017006.D

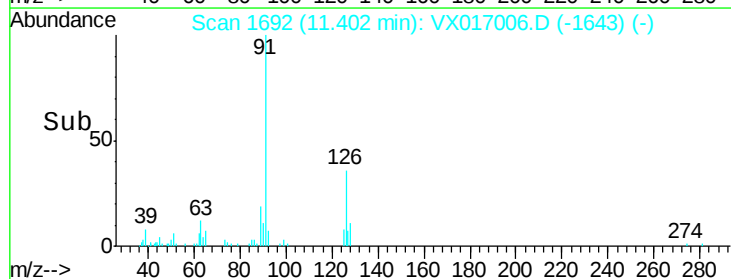
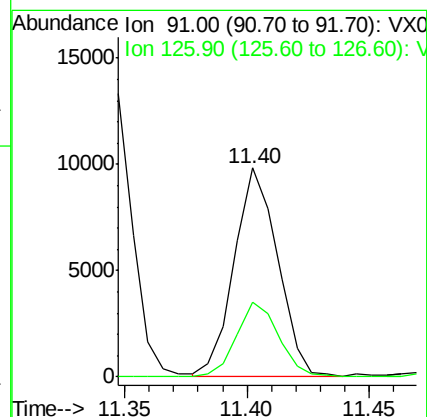
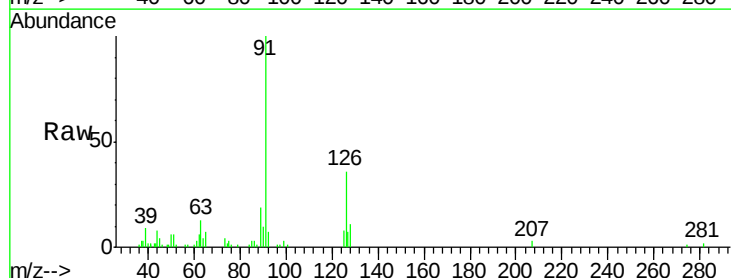
Acq: 29 Jun 2020 14:13

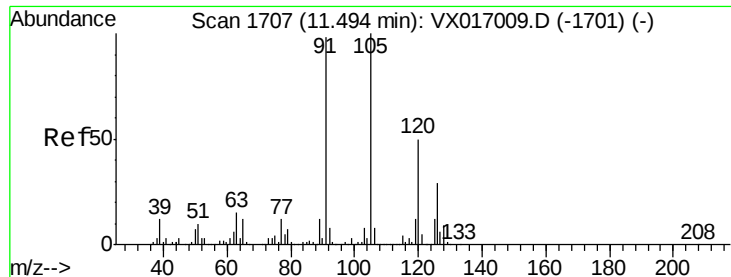
Tgt Ion: 91 Resp: 12211

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 0.959 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 13796

Ion Ratio Lower Upper

105 100

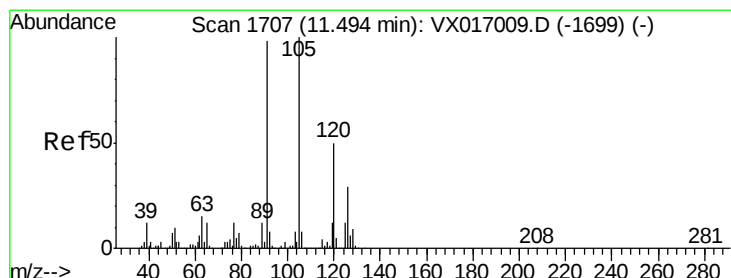
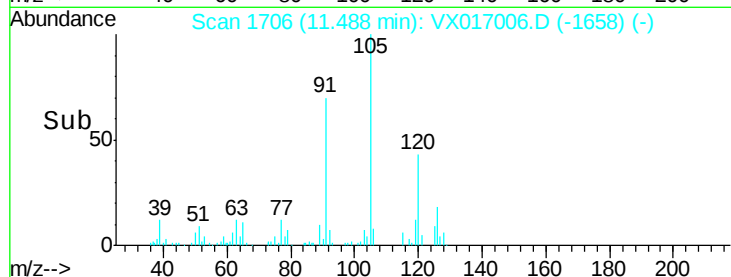
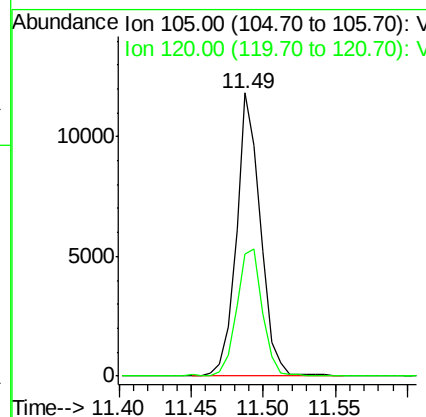
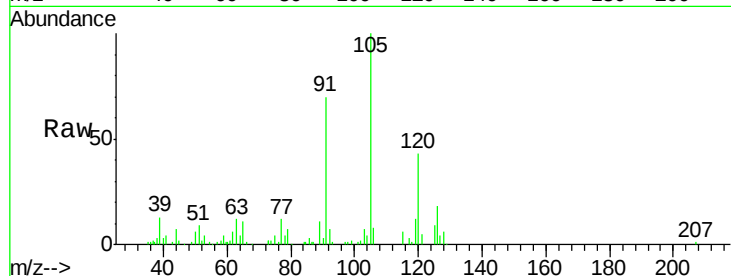
120 48.0 24.9 74.6

Manual Integrations

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#82

4-Chlorotoluene

Concen: 1.044 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017006.D

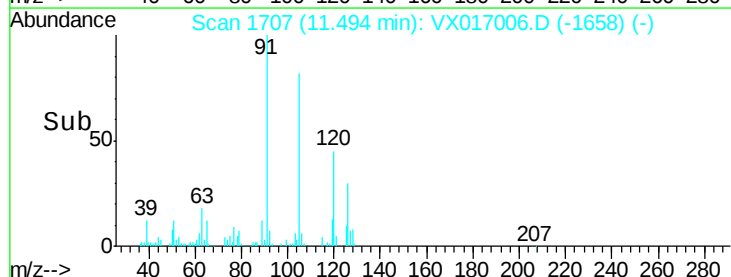
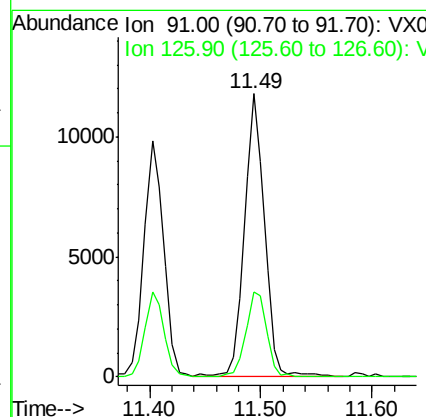
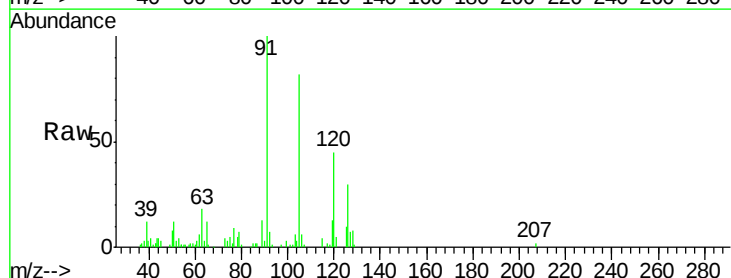
Acq: 29 Jun 2020 14:13

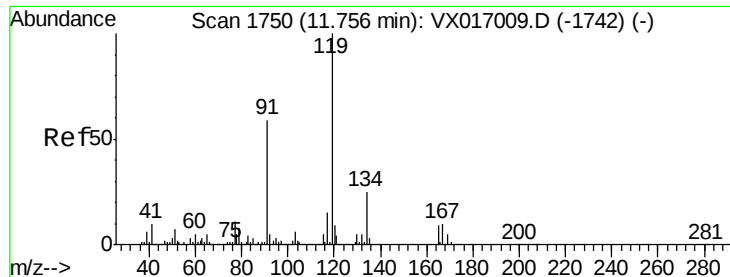
Tgt Ion: 91 Resp: 14823

Ion Ratio Lower Upper

91 100

126 30.7 15.2 45.5





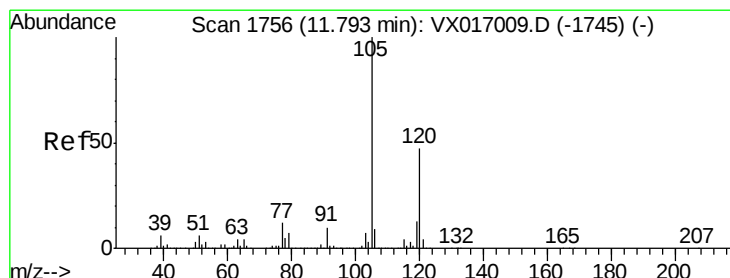
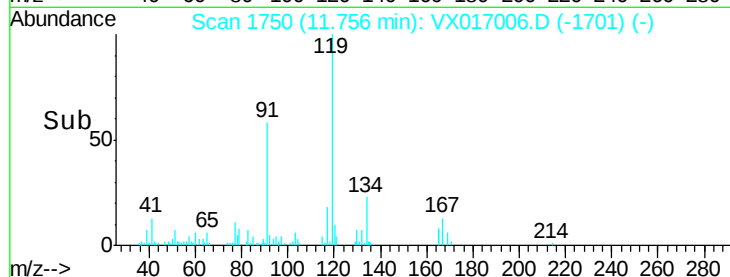
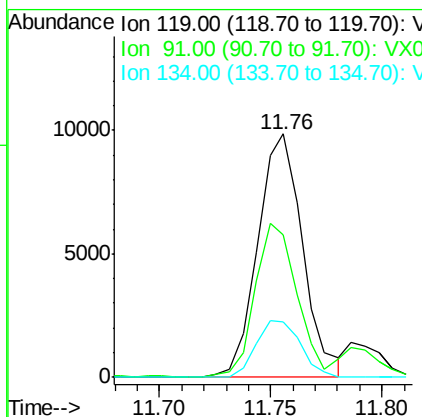
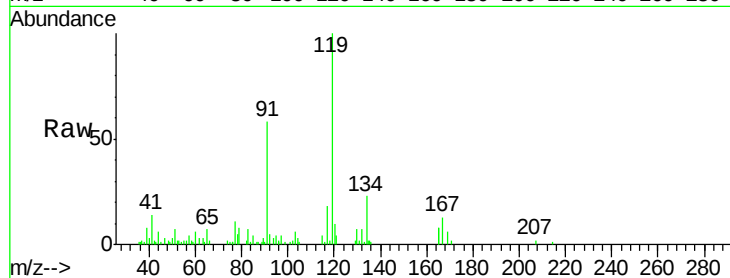
#83
tert-Butylbenzene
Concen: 0.977 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	28.3	84.9
134	22.9	11.7	35.1

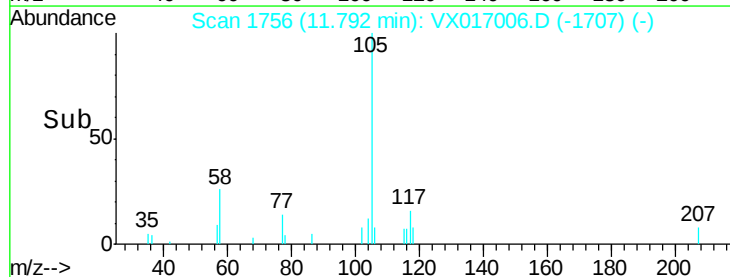
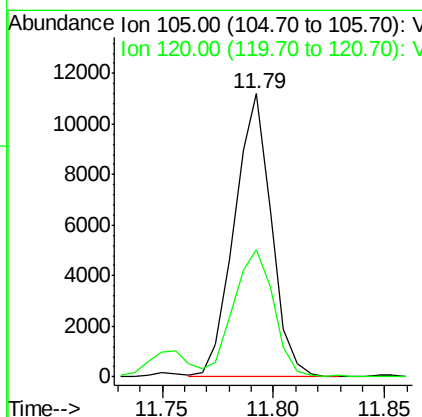
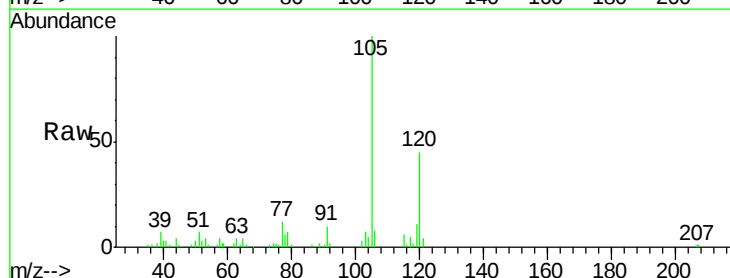
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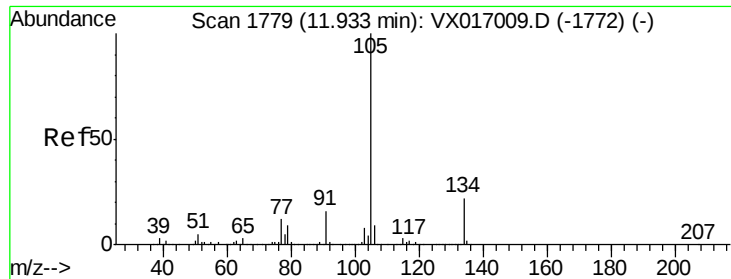
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#84
1,2,4-Trimethylbenzene
Concen: 0.886 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 0.944 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 15672

Ion Ratio Lower Upper

105 100

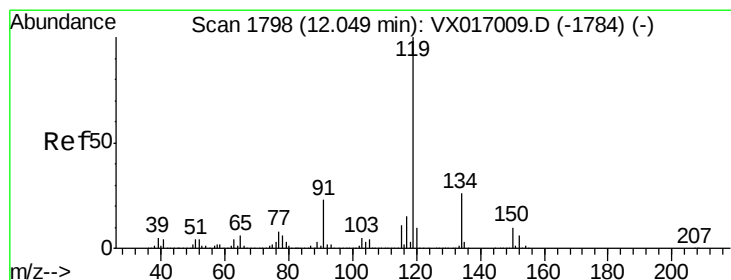
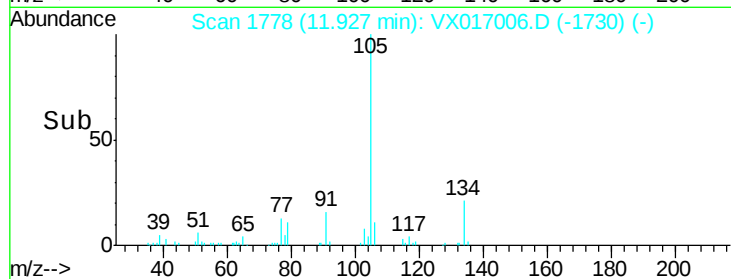
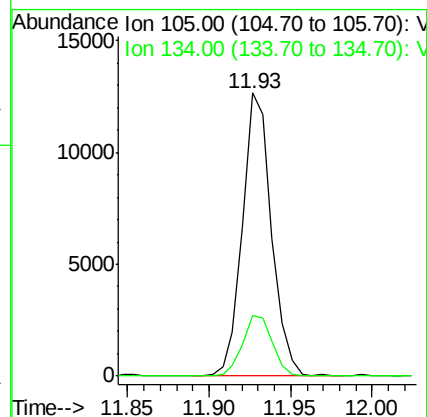
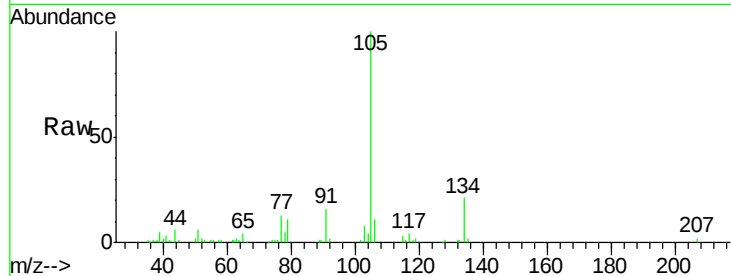
134 21.6 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 0.927 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

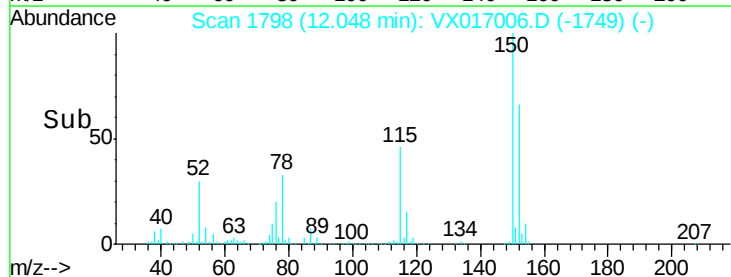
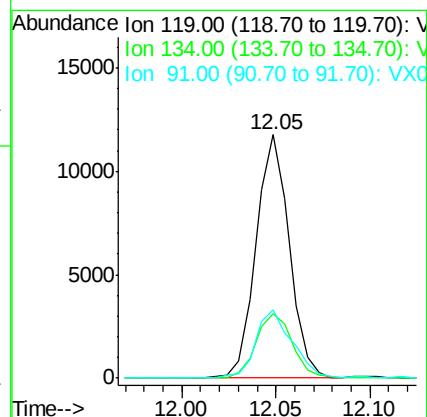
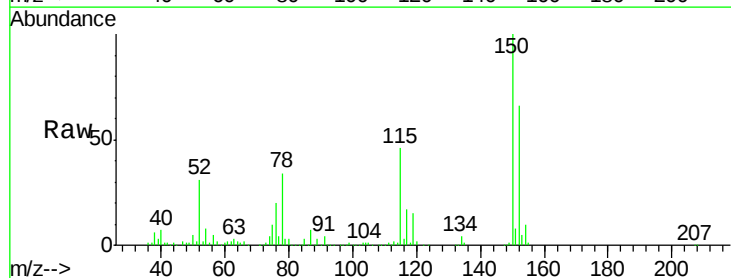
Tgt Ion:119 Resp: 14325

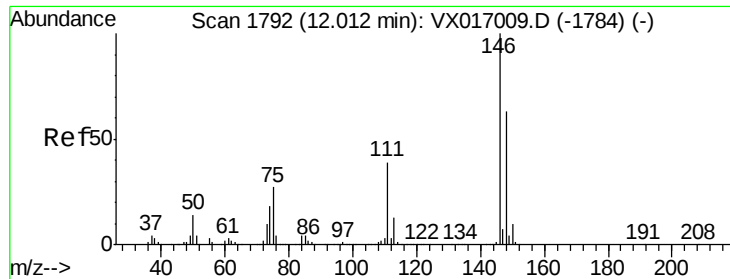
Ion Ratio Lower Upper

119 100

134 28.8 13.2 39.5

91 31.0 11.8 35.4





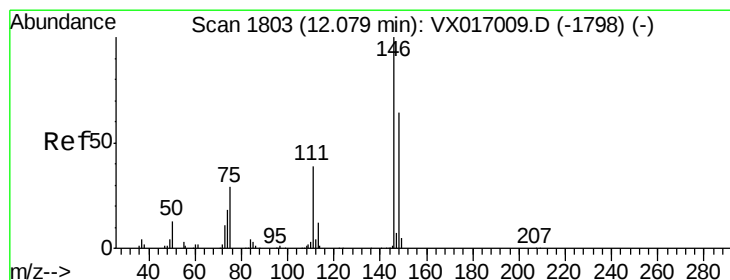
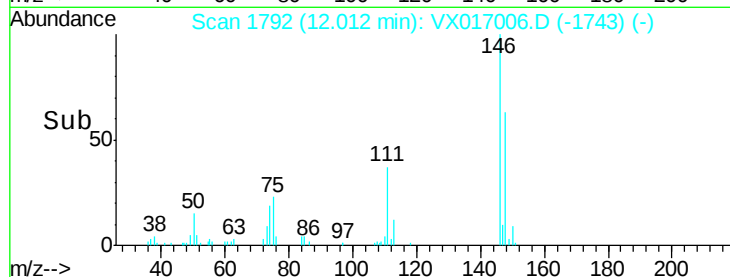
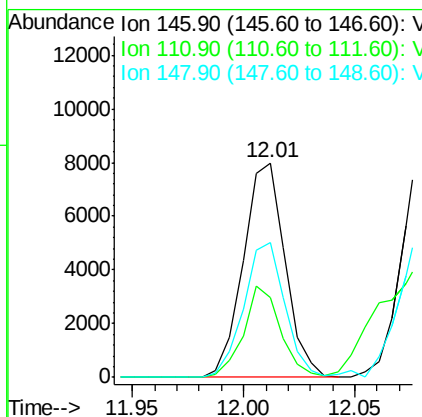
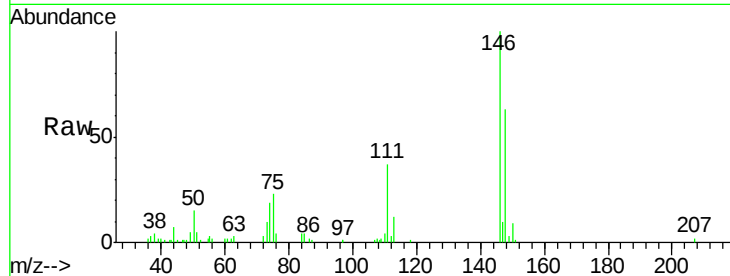
#87
 1,3-Dichlorobenzene
 Concen: 1.211 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.4	61.2
148	61.9	32.5	97.5

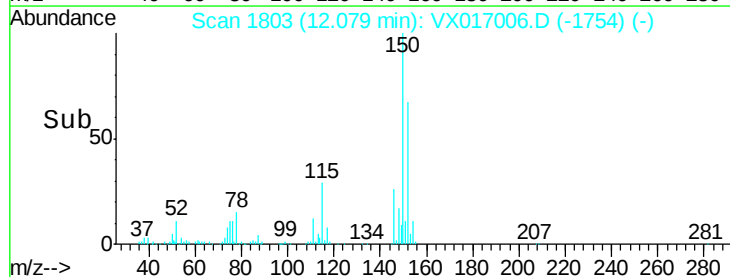
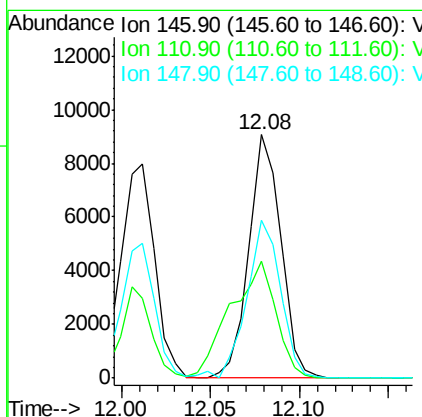
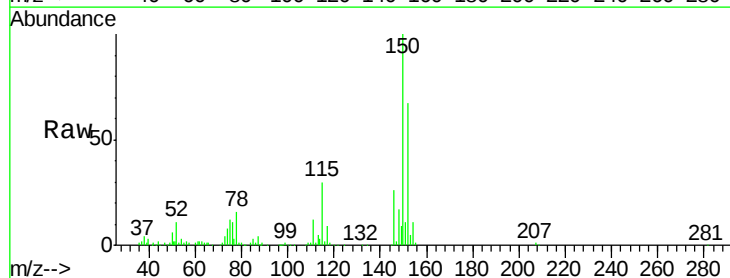
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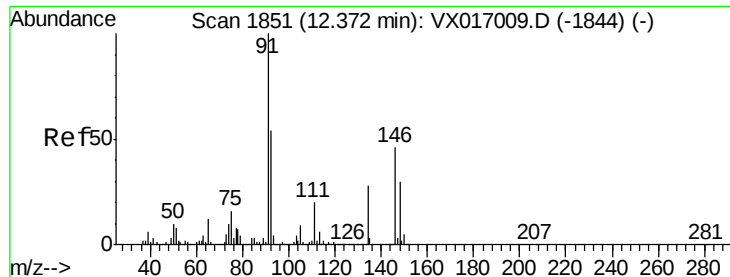
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#88
 1,4-Dichlorobenzene
 Concen: 1.316 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.4	19.5	58.5
148	56.6	31.9	95.7





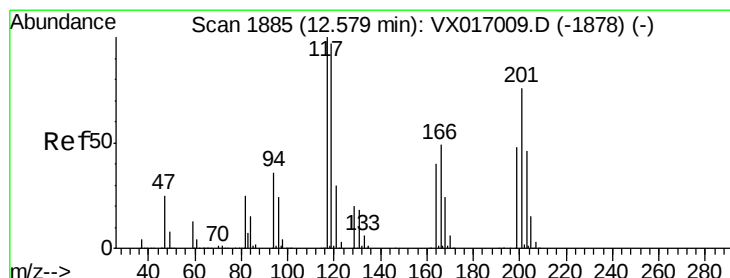
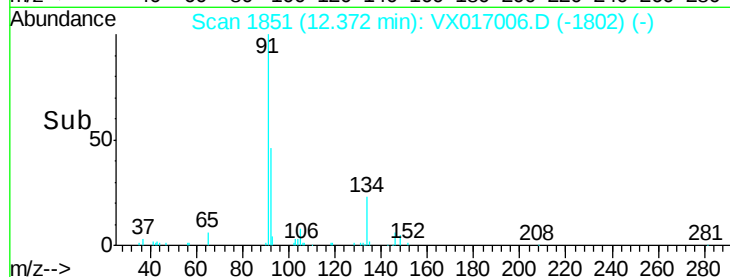
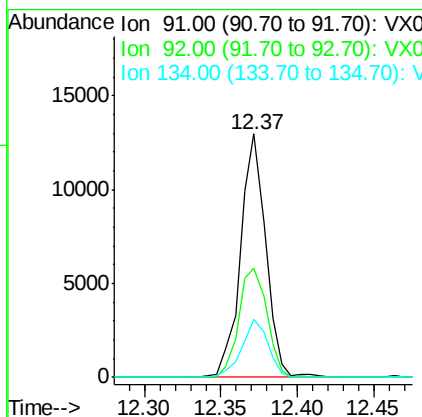
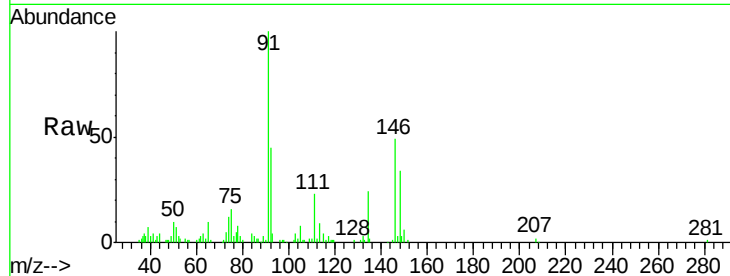
#89
n-Butylbenzene
Concen: 1.075 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.0	27.2	81.6
134	24.7	13.6	40.7

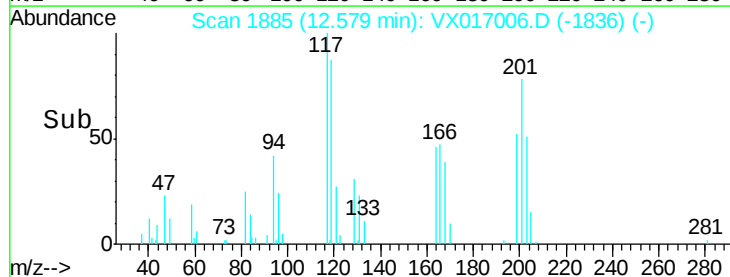
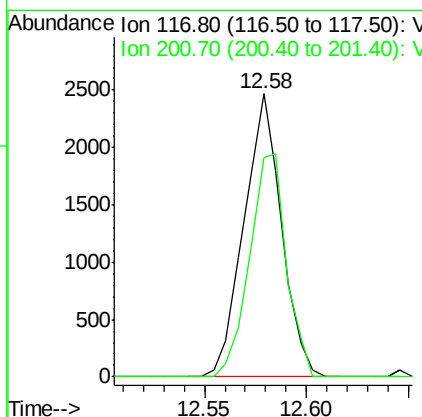
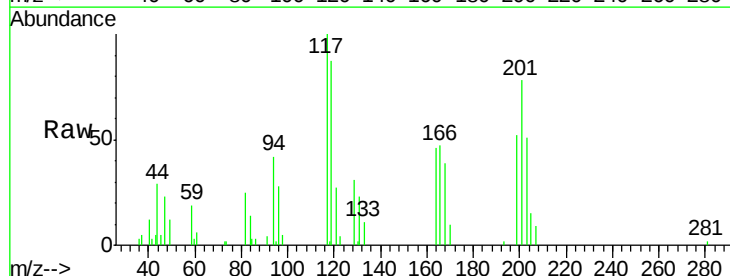
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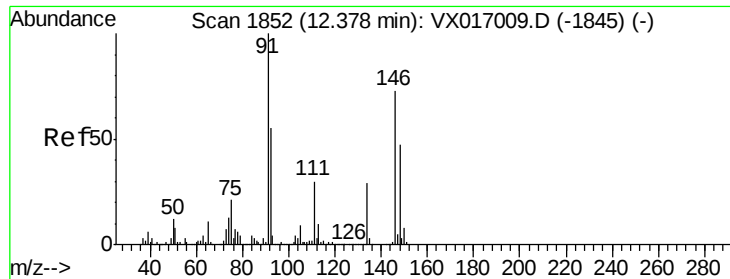
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#90
Hexachloroethane
Concen: 1.035 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 1.172 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

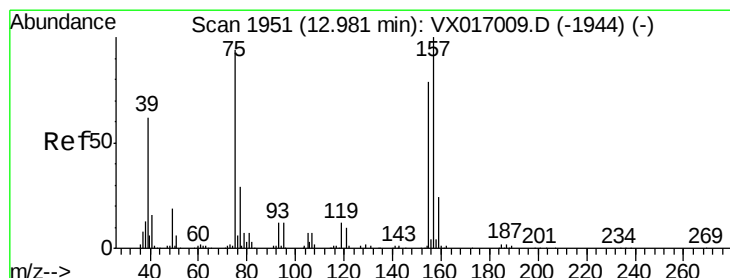
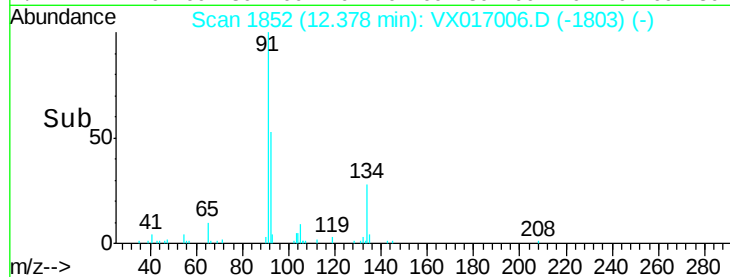
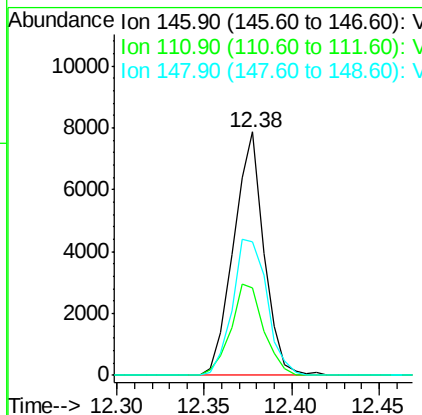
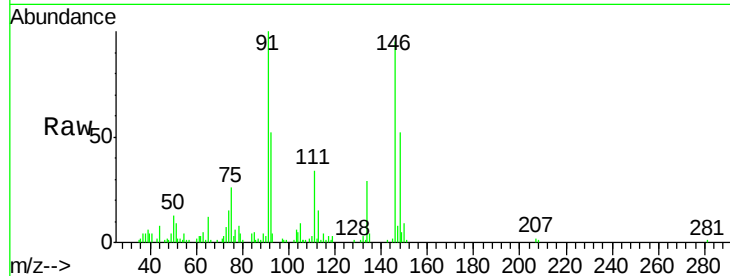
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	9485
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	63.8	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 1.243 ug/l

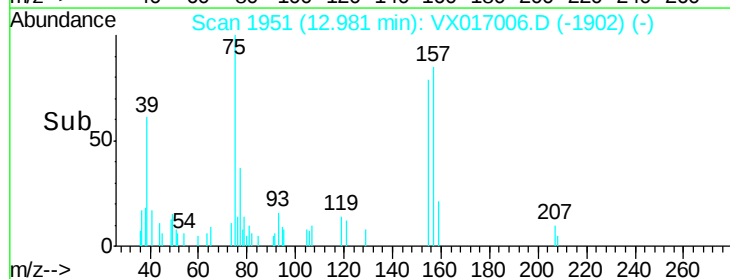
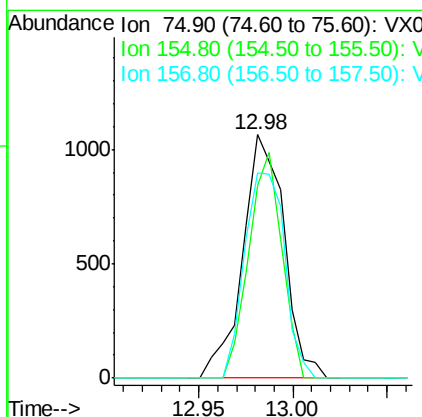
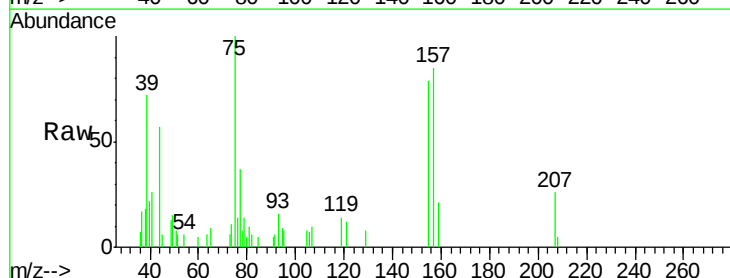
RT: 12.98 min Scan# 1951

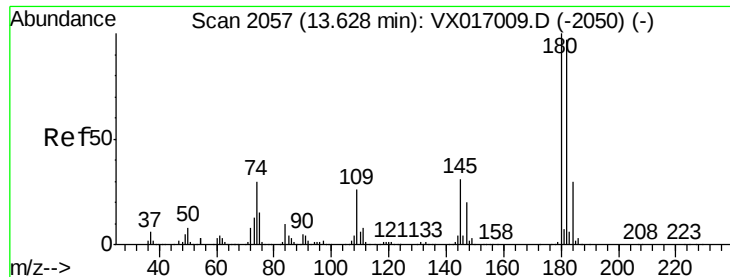
Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	75	Resp:	1618
Ion	Ratio	Lower	Upper
75	100		
155	74.2	45.1	135.2
157	82.0	56.5	169.3





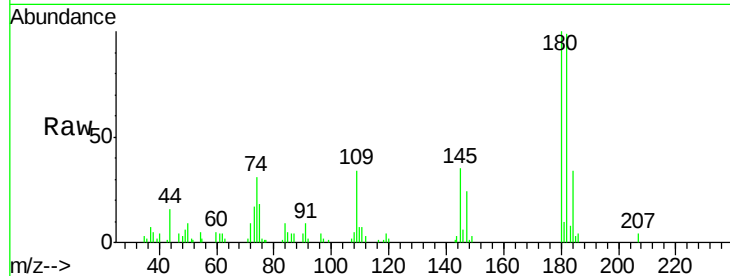
#93
 1,2,4-Trichlorobenzene
 Concen: 1.178 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

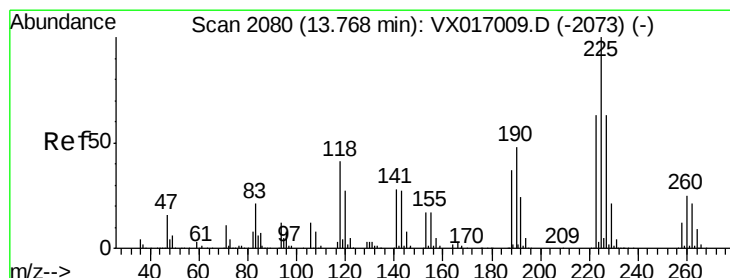
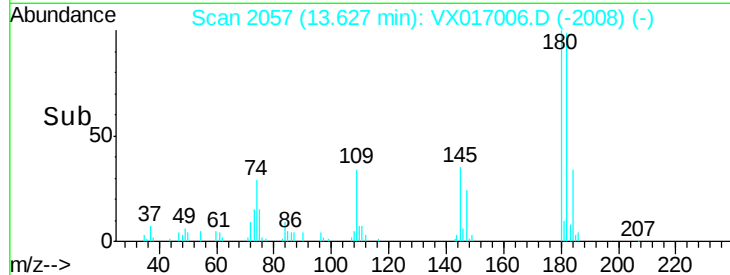
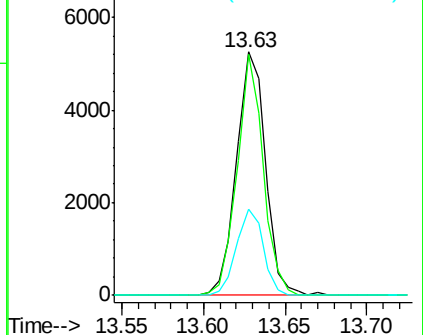
Tot Ion	Ratio	Lower	Upper
180	100		
182	88.6	47.3	141.9
145	32.6	15.4	46.2

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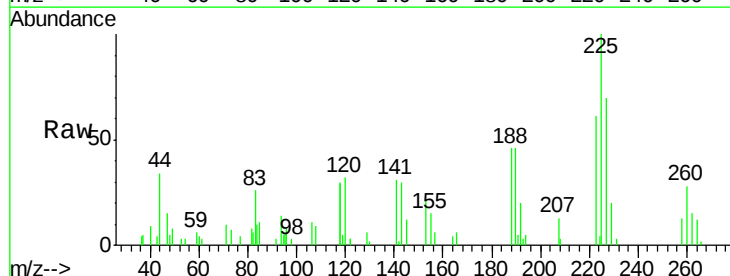


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

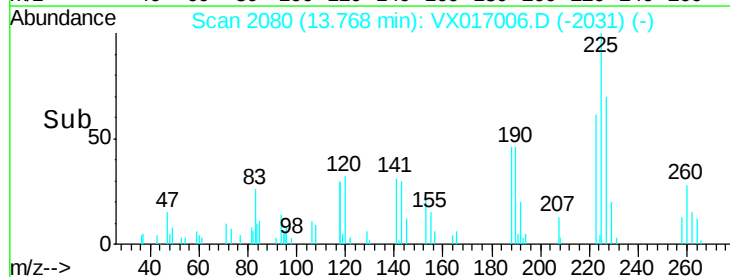
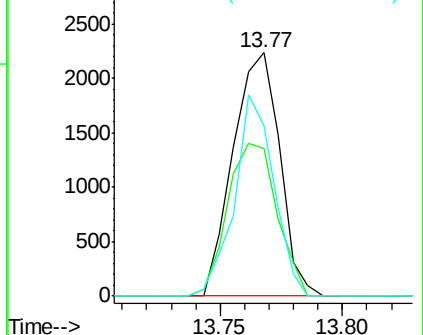


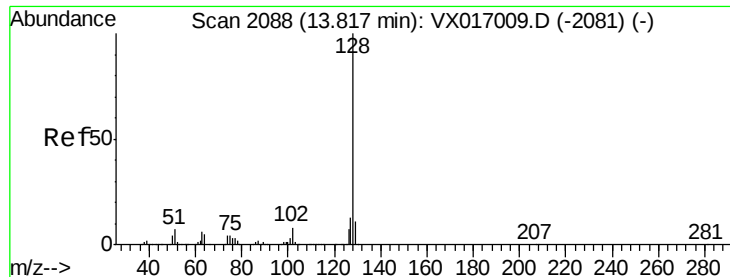
#94
 Hexachlorobutadiene
 Concen: 1.331 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	32.5	97.5
227	69.1	33.1	99.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.937 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

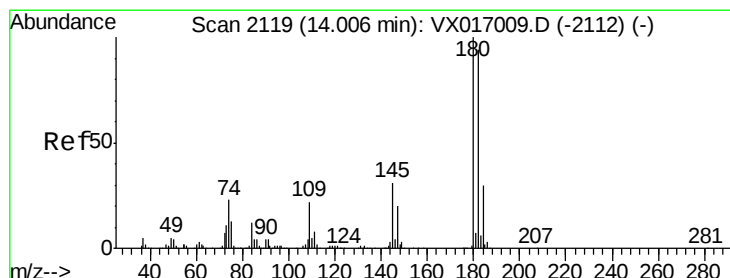
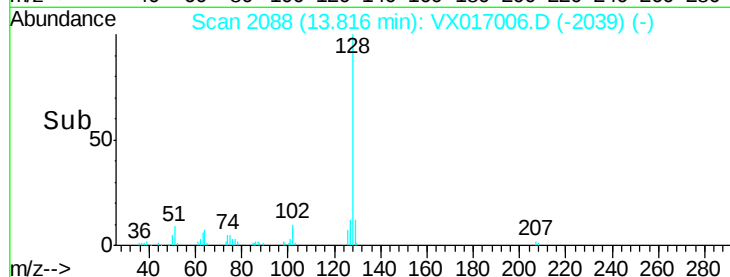
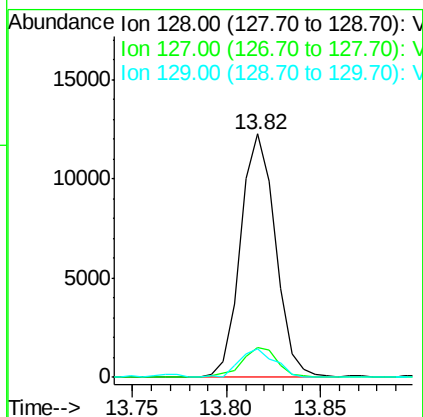
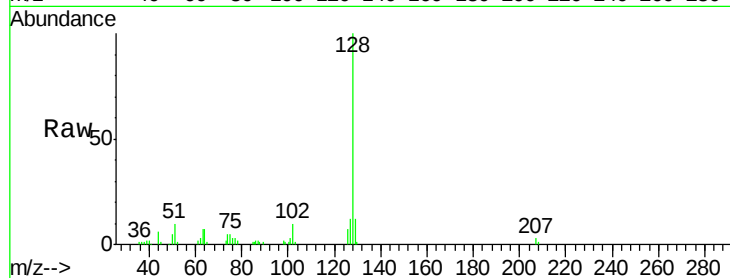
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	15734
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	11.8	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 1.129 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion:	180	Resp:	6037
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.1	141.4
145	32.2	16.6	49.7

