

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016932.D
 Acq On : 23 Jun 2020 16:08
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:54:29 AM

Quant Time: Jun 24 00:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	229514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	458430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184210	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	2391	0.889	ug/l	92
3) Chloromethane	1.31	50	2807	1.073	ug/l	99
4) Vinyl Chloride	1.39	62	2665	1.027	ug/l #	76
6) Chloroethane	1.72	64	2269	1.236	ug/l	91
7) Trichlorofluoromethane	1.92	101	5100	1.157	ug/l	99
8) Diethyl Ether	2.17	74	2031	1.133	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3110	1.285	ug/l	85
12) 1,1-Dichloroethene	2.36	96	2656	1.105	ug/l	91
14) Allyl chloride	2.71	41	6087	1.157	ug/l #	82
15) Acrylonitrile	3.12	53	8423	5.007	ug/l	93
16) Acetone	2.42	43	7828	5.661	ug/l	93
17) Carbon Disulfide	2.55	76	9882	1.323	ug/l	97
18) Methyl Acetate	2.75	43	5200	1.171	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	11196	1.128	ug/l	97
20) Methylene Chloride	2.83	84	4728	1.345	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	3560	1.207	ug/l	96
22) Diisopropyl ether	3.83	45	10237	1.109	ug/l #	82
23) Vinyl Acetate	3.79	43	36195	4.943	ug/l	99
24) 1,1-Dichloroethane	3.67	63	6672	1.274	ug/l #	86
25) 2-Butanone	4.64	43	11871	5.694	ug/l	96
26) 2,2-Dichloropropane	4.54	77	6391	1.411	ug/l	89
27) cis-1,2-Dichloroethene	4.56	96	4582	1.471	ug/l	93
28) Bromochloromethane	4.98	49	3575	1.407	ug/l	99
29) Tetrahydrofuran	5.09	42	7138m	4.786	ug/l	
30) Chloroform	5.18	83	6140	1.080	ug/l #	83
32) 1,1,1-Trichloroethane	5.46	97	5337	1.069	ug/l #	49
36) 1,1-Dichloropropene	5.78	75	4654	0.975	ug/l	99
37) Ethyl Acetate	4.79	43	4941	1.017	ug/l #	85
38) Carbon Tetrachloride	5.74	117	4622	0.948	ug/l #	81
39) Methylcyclohexane	7.44	83	4659	0.949	ug/l	93
40) Benzene	6.11	78	12178	0.943	ug/l	98
41) Methacrylonitrile	4.99	41	2432	0.860	ug/l #	79
42) 1,2-Dichloroethane	6.15	62	5374	1.011	ug/l	90
43) Isopropyl Acetate	6.41	43	8478	0.985	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	4131	1.179	ug/l	96
45) 1,2-Dichloropropane	7.49	63	3417	0.965	ug/l	90
46) Dibromomethane	7.64	93	2268	0.912	ug/l	98
47) Bromodichloromethane	7.88	83	5028	0.973	ug/l	88
48) Methyl methacrylate	7.75	41	3658	0.929	ug/l	96
49) 1,4-Dioxane	7.72	88	1655	18.690	ug/l #	87
51) 4-Methyl-2-Pentanone	8.62	43	19866	4.040	ug/l	99
52) Toluene	8.77	92	7296	0.917	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	5791	0.996	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	5406	0.947	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	3433	0.982	ug/l	94
56) Ethyl methacrylate	9.16	69	5060	0.934	ug/l #	88
57) 1,3-Dichloropropane	9.35	76	5472	0.913	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.29	63	9456	4.112	ug/l	97
59) 2-Hexanone	9.47	43	12865	3.363	ug/l	96
60) Dibromochloromethane	9.56	129	3385	0.891	ug/l	97
61) 1,2-Dibromoethane	9.65	107	3444	0.936	ug/l	89
64) Tetrachloroethene	9.32	164	2914	1.043	ug/l #	79
65) Chlorobenzene	10.12	112	8932	1.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	3443	1.087	ug/l #	62
67) Ethyl Benzene	10.23	91	16139	1.115	ug/l	98
68) m/p-Xylenes	10.34	106	11459	2.130	ug/l	97
69) o-Xylene	10.68	106	4382	0.833	ug/l	96
70) Styrene	10.70	104	6799	0.755	ug/l	87
71) Bromoform	10.84	173	2197	0.920	ug/l #	98
73) Isopropylbenzene	11.00	105	11428	0.813	ug/l	97
74) N-amyl acetate	10.88	43	6327	0.936	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.25	83	4718	1.038	ug/l	91
76) 1,2,3-Trichloropropane	11.28	75	4275m	0.963	ug/l	
77) Bromobenzene	11.24	156	3476	1.015	ug/l	98
78) n-propylbenzene	11.34	91	14239	0.898	ug/l	99
79) 2-Chlorotoluene	11.40	91	10177	1.037	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	11516	1.018	ug/l	99
82) 4-Chlorotoluene	11.49	91	13078	1.132	ug/l	98
83) tert-Butylbenzene	11.76	119	9287	0.812	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	10661	0.926	ug/l	98
85) sec-Butylbenzene	11.93	105	12496	0.979	ug/l	100
86) p-Isopropyltoluene	12.05	119	11415	0.957	ug/l	87
87) 1,3-Dichlorobenzene	12.01	146	6907	1.149	ug/l	92
88) 1,4-Dichlorobenzene	12.08	146	7639m	1.238	ug/l	
89) n-Butylbenzene	12.37	91	11610	1.044	ug/l	96
90) Hexachloroethane	12.58	117	2224	0.982	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	6651	1.160	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1605	1.397	ug/l	67
93) 1,2,4-Trichlorobenzene	13.63	180	4573	1.214	ug/l	95
94) Hexachlorobutadiene	13.77	225	1588	1.159	ug/l	95
95) Naphthalene	13.82	128	12903	0.997	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.00	180	4382	1.194	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDICC001

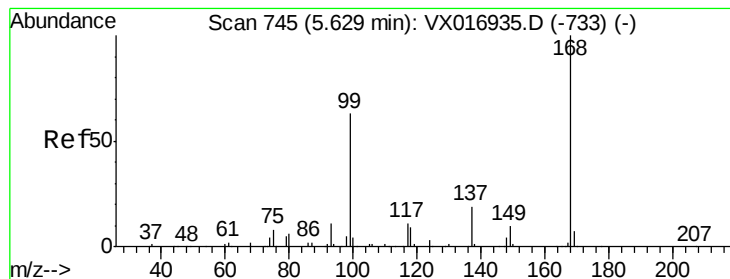
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 229514

Ion Ratio Lower Upper

168 100

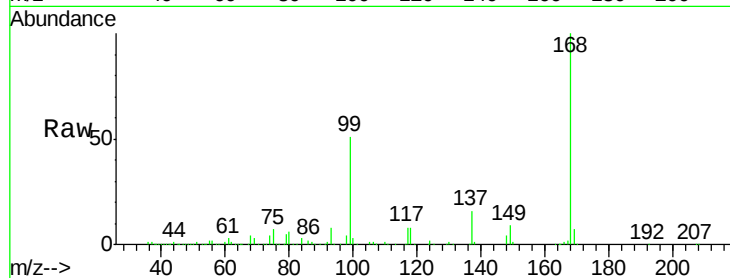
99 50.5 50.6 75.8#

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

60000

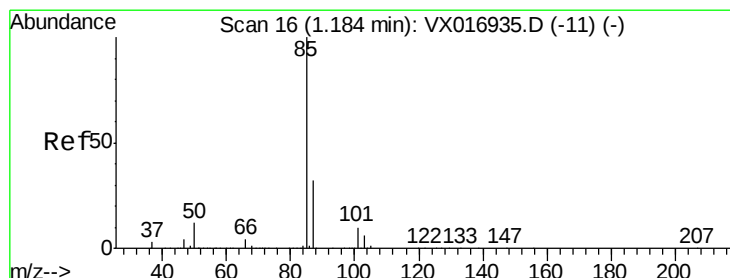
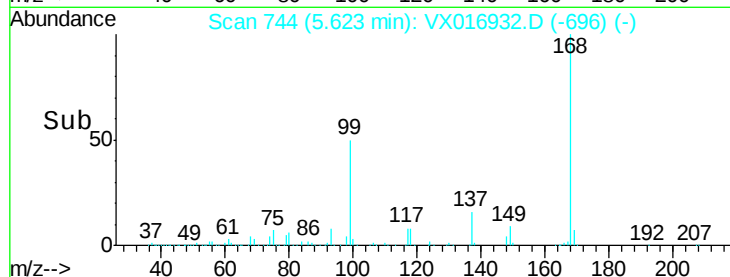
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.889 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016932.D

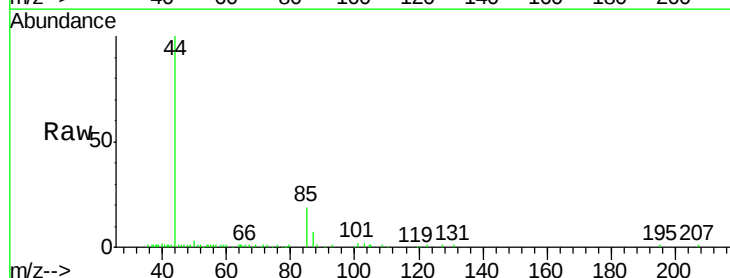
Acq: 23 Jun 2020 16:08

Tgt Ion: 85 Resp: 2391

Ion Ratio Lower Upper

85 100

87 36.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

3000

2500

2000

1500

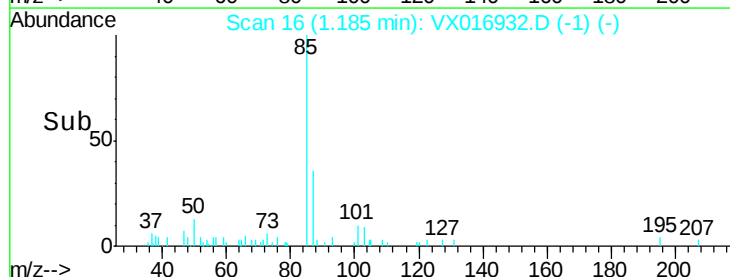
1000

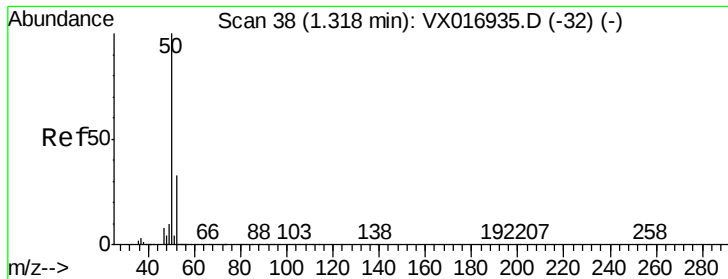
500

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 1.073 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2807

Ion Ratio Lower Upper

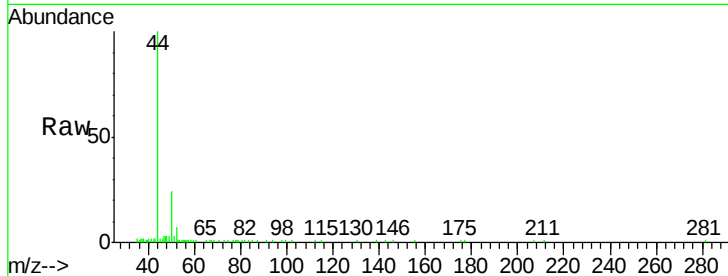
50 100

52 32.0 26.0 39.0

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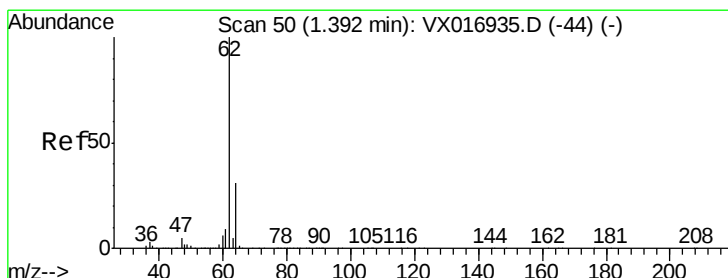
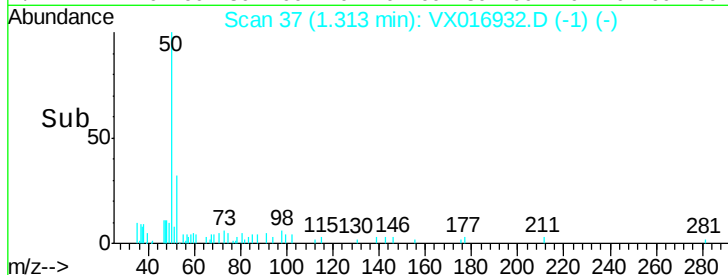
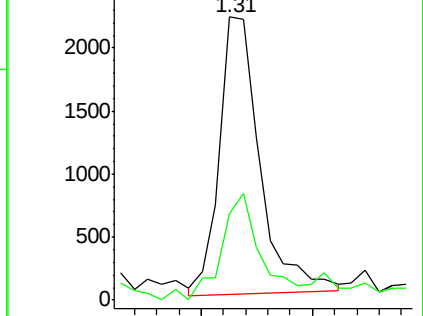
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.027 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016932.D

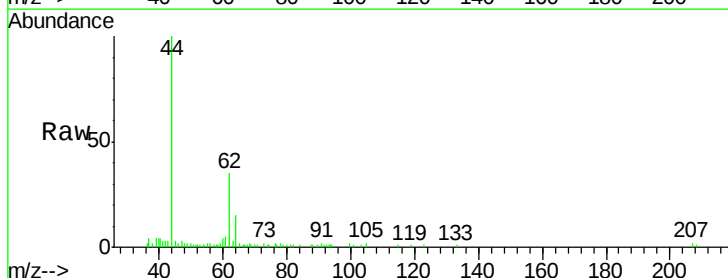
Acq: 23 Jun 2020 16:08

Tgt Ion: 62 Resp: 2665

Ion Ratio Lower Upper

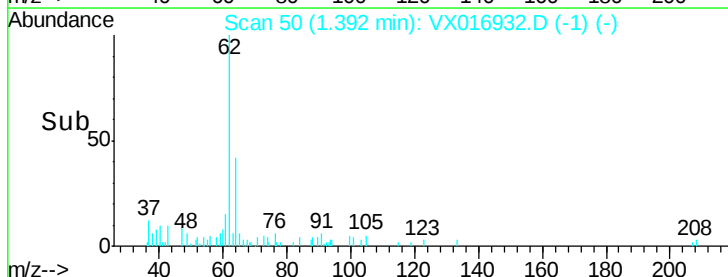
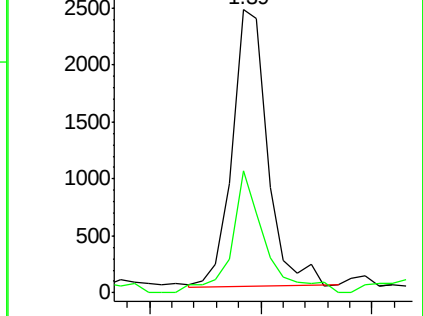
62 100

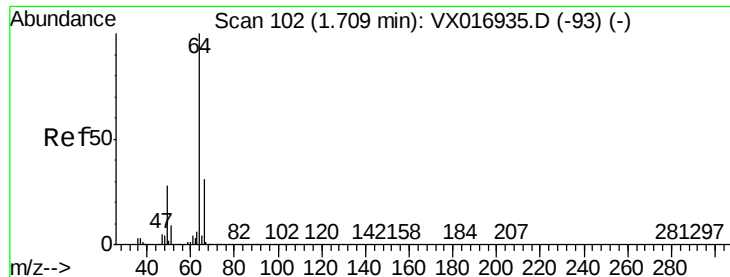
64 44.3 25.0 37.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.236 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2269

Ion Ratio Lower Upper

64 100

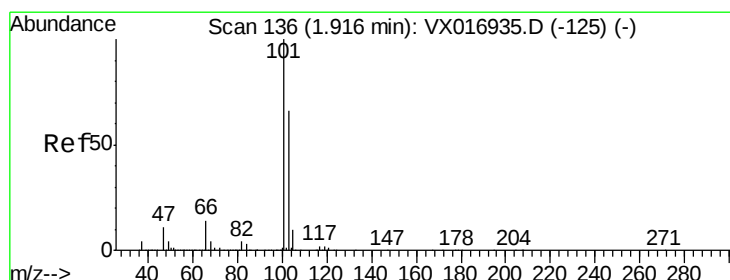
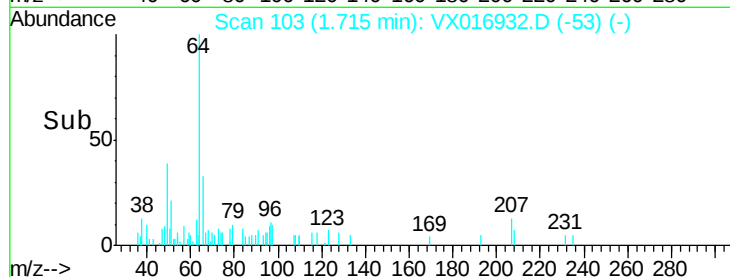
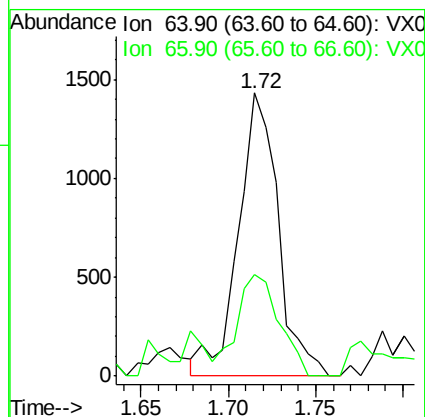
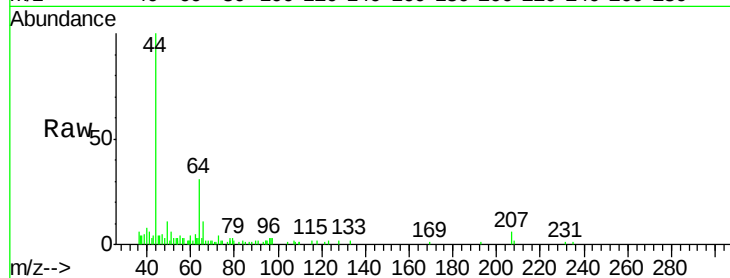
66 36.1 25.0 37.6

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#7

Trichlorofluoromethane

Concen: 1.157 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX016932.D

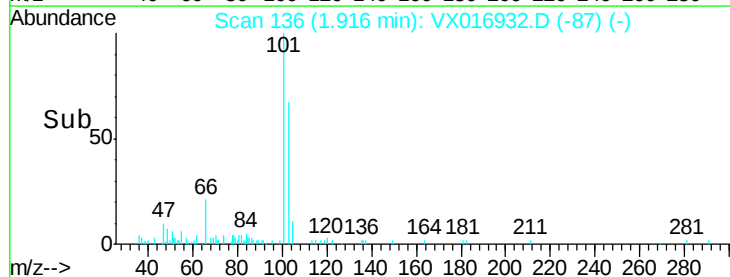
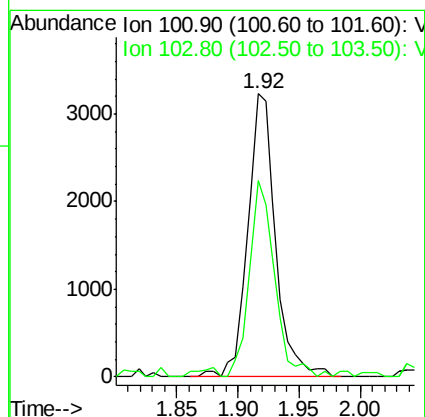
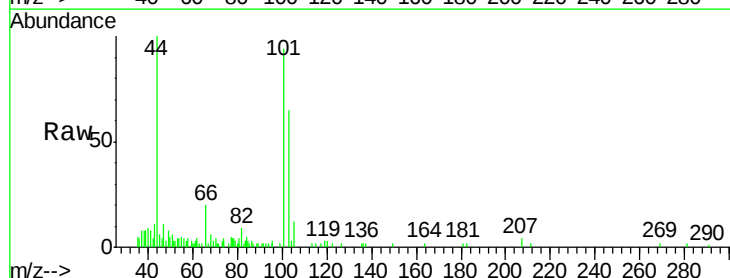
Acq: 23 Jun 2020 16:08

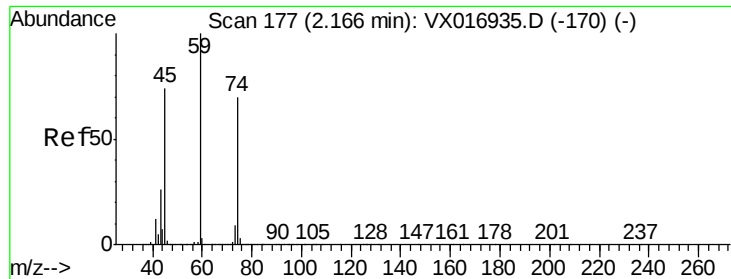
Tgt Ion: 101 Resp: 5100

Ion Ratio Lower Upper

101 100

103 67.3 53.0 79.4





#8

Diethyl Ether

Concen: 1.133 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2031

Ion Ratio Lower Upper

74 100

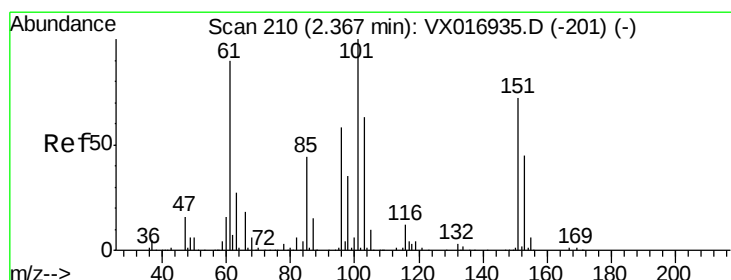
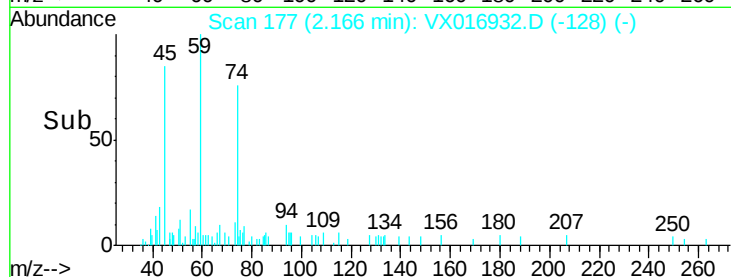
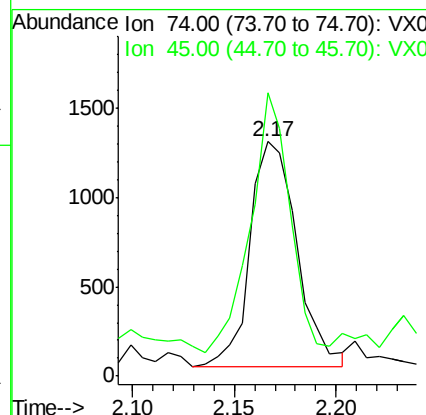
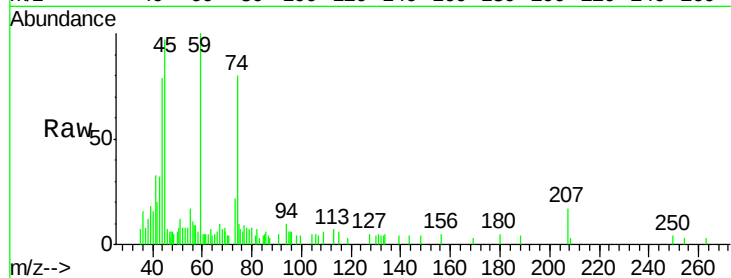
45 95.7 52.6 157.8

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.285 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

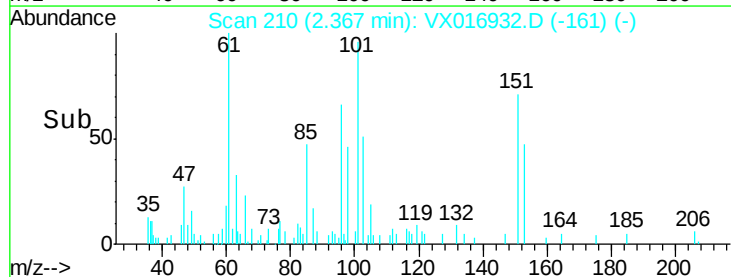
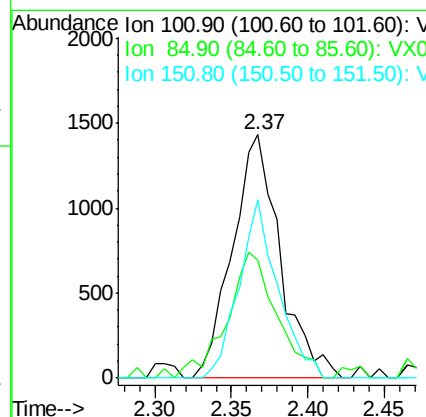
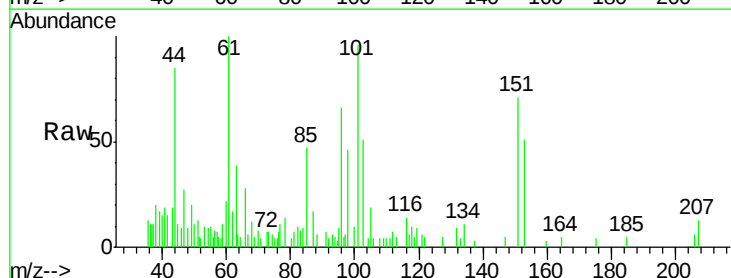
Tgt Ion: 101 Resp: 3110

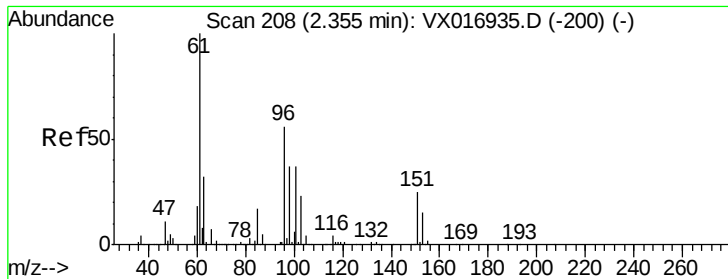
Ion Ratio Lower Upper

101 100

85 54.5 36.9 55.3

151 59.7 58.4 87.6





#12

1,1-Dichloroethene

Concen: 1.105 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

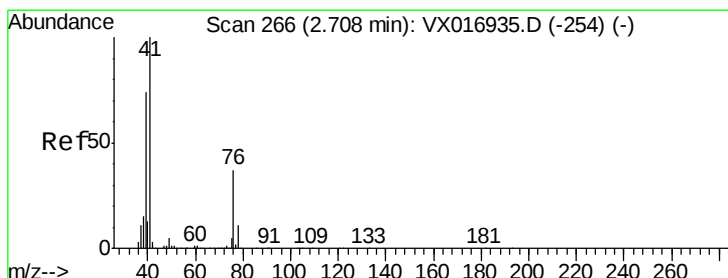
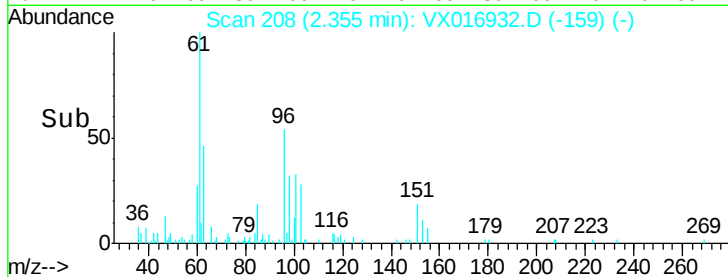
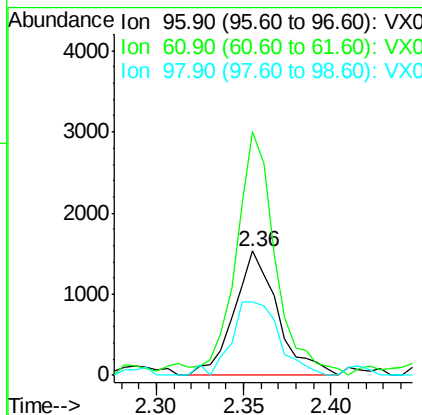
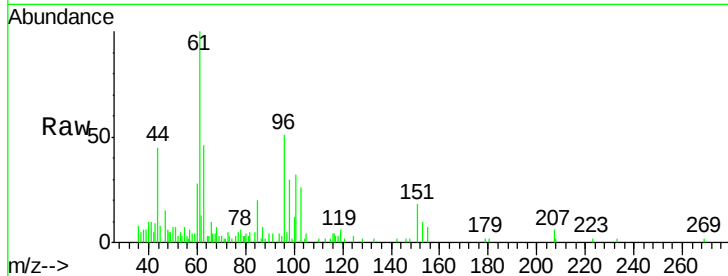
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2656
Ion	Ratio	Lower	Upper
96	100		
61	190.3	142.3	213.5
98	59.1	53.2	79.8

Manual Integrations
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#14

Allyl chloride

Concen: 1.157 ug/l

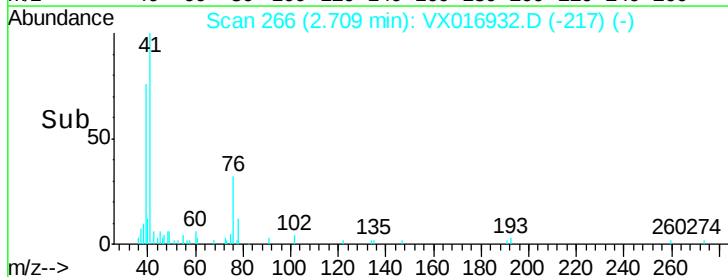
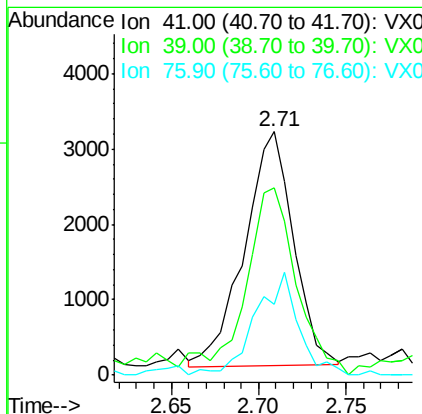
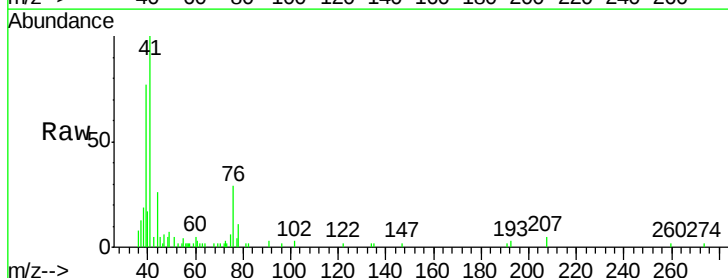
RT: 2.71 min Scan# 266

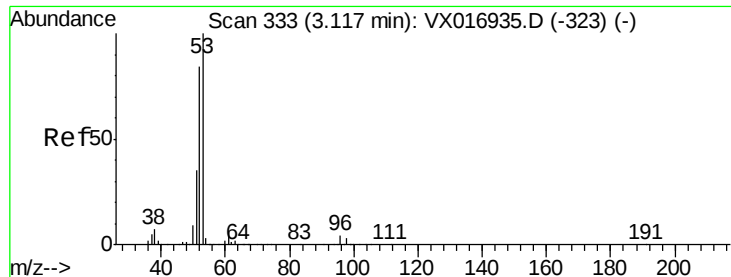
Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion:	41	Resp:	6087
Ion	Ratio	Lower	Upper
41	100		
39	83.7	53.3	79.9#
76	37.9	25.2	37.8#





#15

Acrylonitrile

Concen: 5.007 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

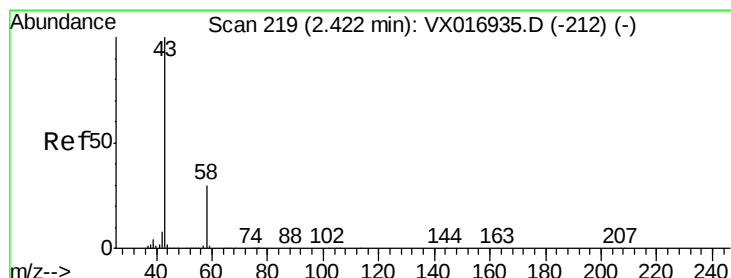
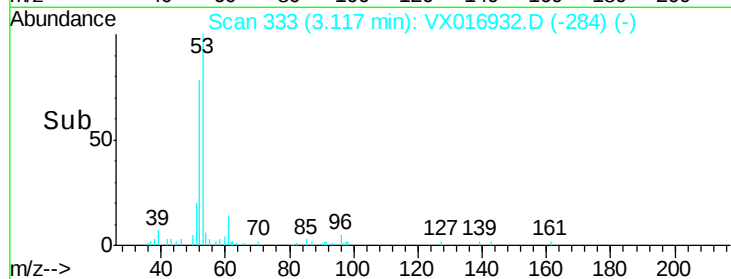
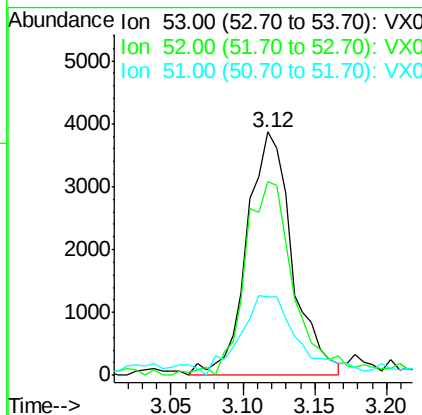
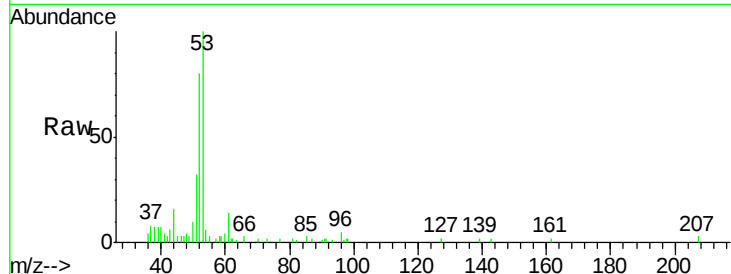
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	8423
Ion	Ratio	Lower	Upper
53	100		
52	87.7	66.0	99.0
51	42.1	28.9	43.3

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#16

Acetone

Concen: 5.661 ug/l

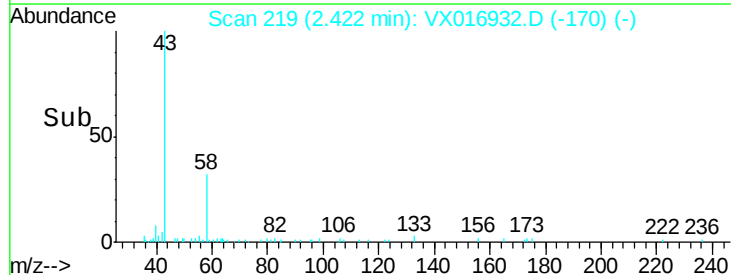
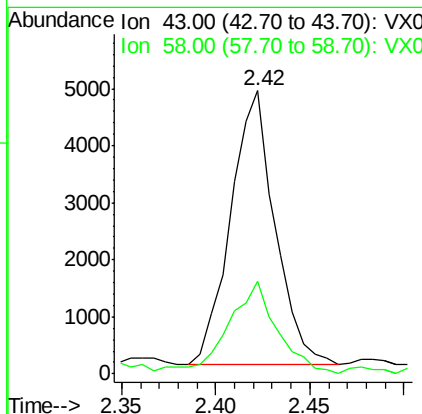
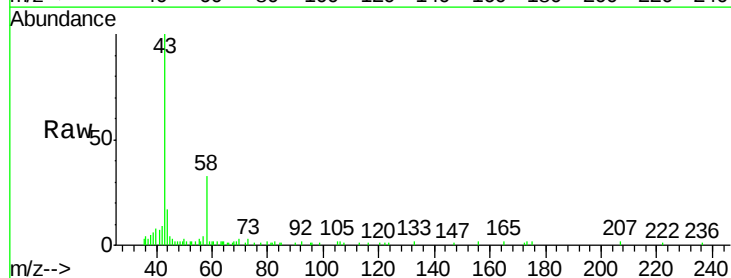
RT: 2.42 min Scan# 219

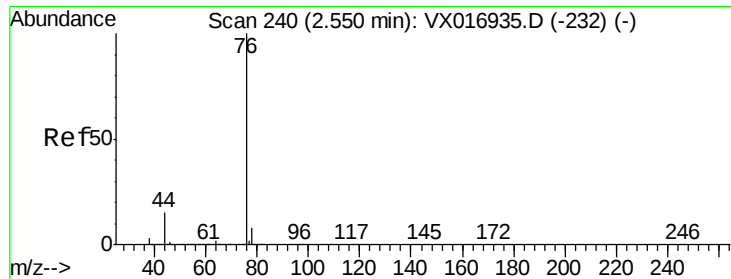
Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion:	43	Resp:	7828
Ion	Ratio	Lower	Upper
43	100		
58	33.9	23.9	35.9





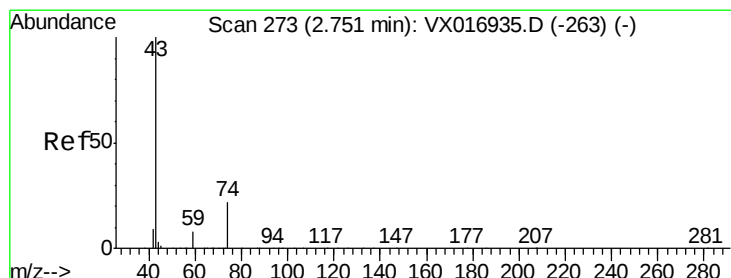
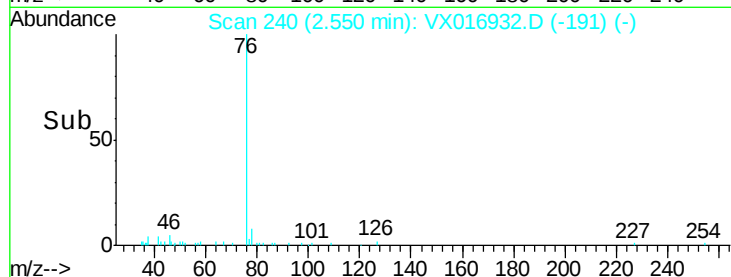
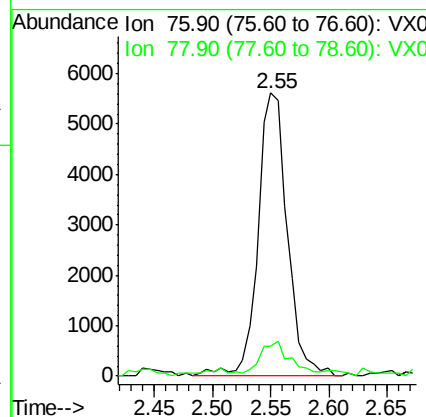
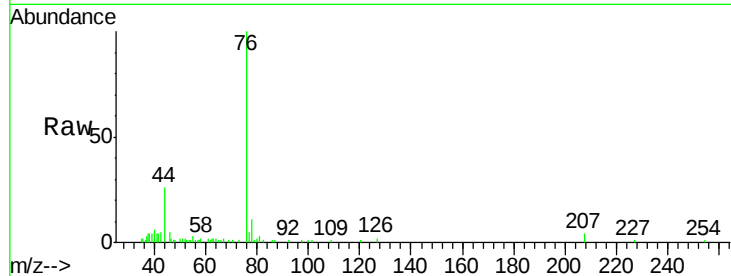
#17
Carbon Disulfide
Concen: 1.323 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.6	10.0

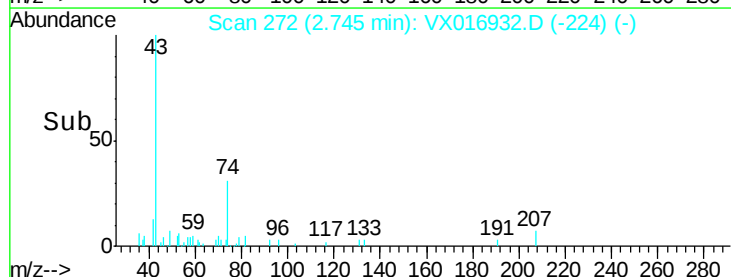
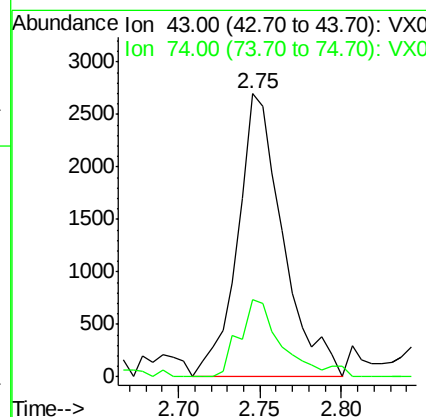
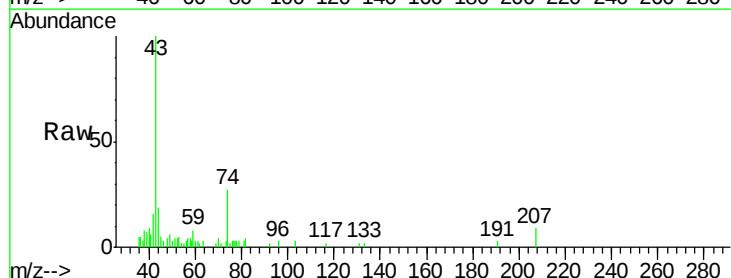
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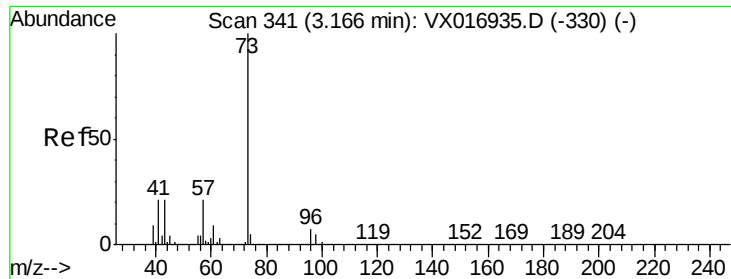
MMDadoda
6/24/2020 10:54:29 AM



#18
Methyl Acetate
Concen: 1.171 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	18.6	27.8





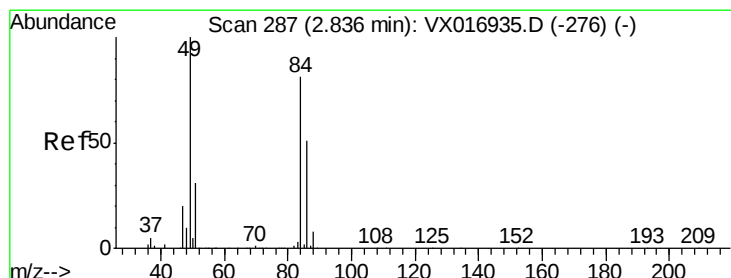
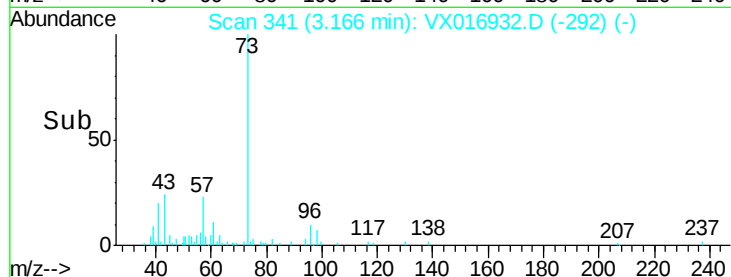
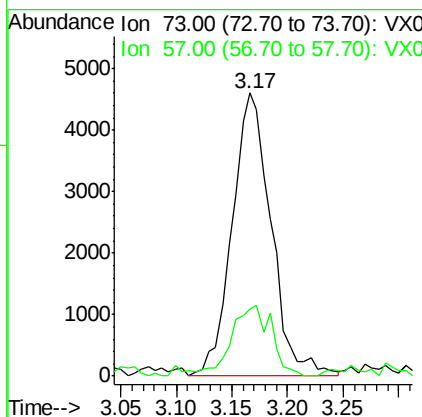
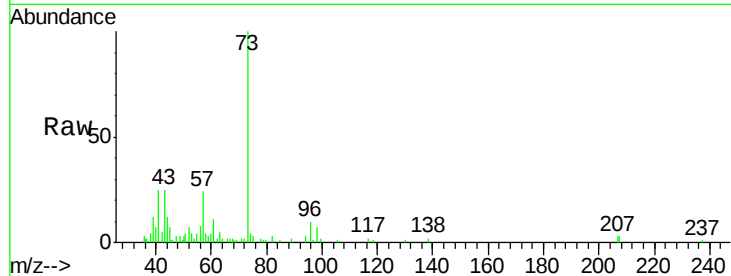
#19
Methvl tert-butvl Ether
Concen: 1.128 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tot Ion: 73 Resp: 11196
Ion Ratio Lower Upper
73 100
57 22.1 16.7 25.1

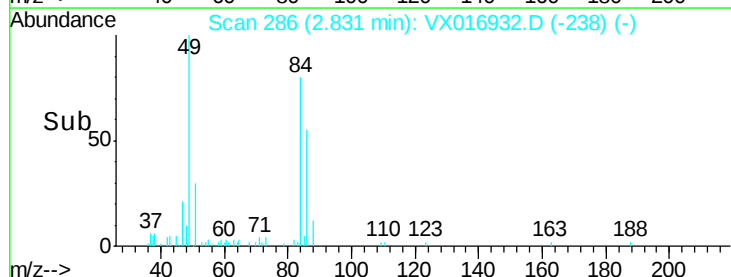
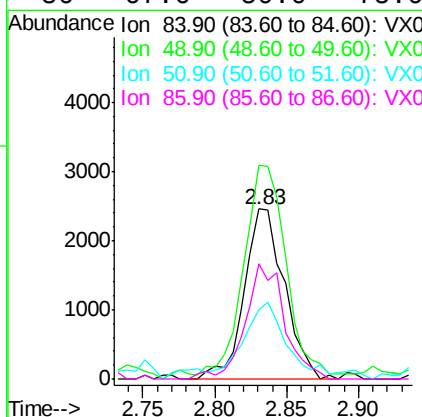
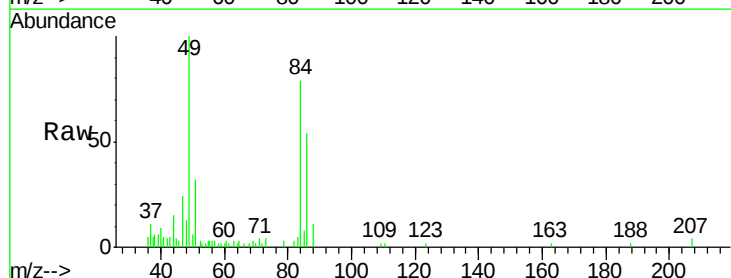
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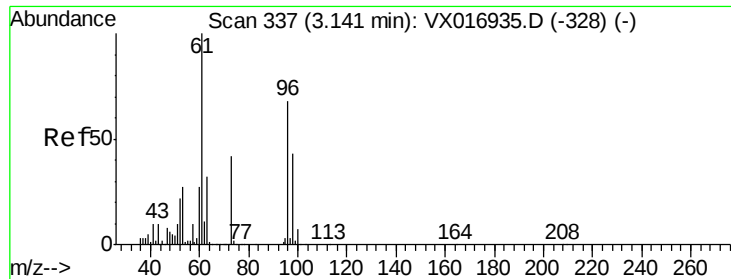
MMDadoda
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#20
Methylene Chloride
Concen: 1.345 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion: 84 Resp: 4728
Ion Ratio Lower Upper
84 100
49 123.1 98.2 147.4
51 36.9 30.7 46.1
86 67.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 1.207 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

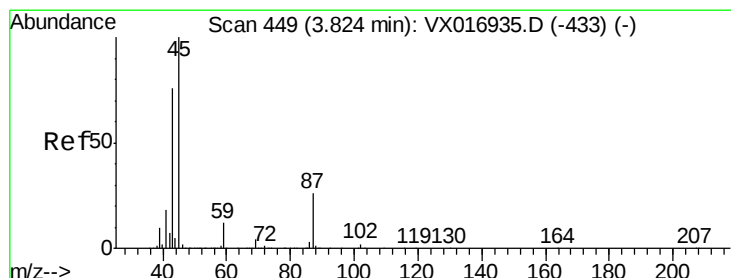
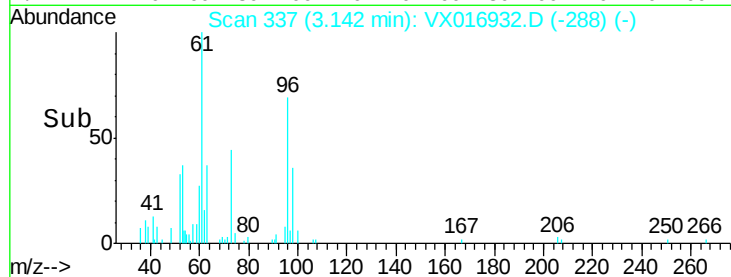
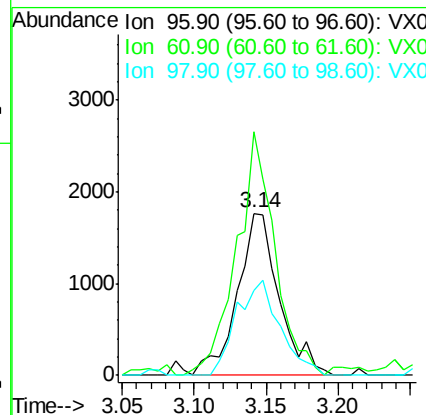
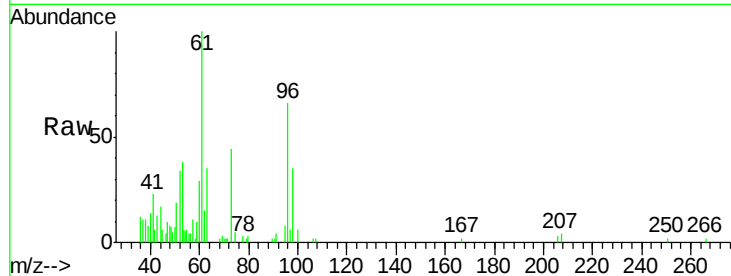
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3560
Ion	Ratio	Lower	Upper
96	100		
61	147.4	118.1	177.1
98	52.7	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.109 ug/l

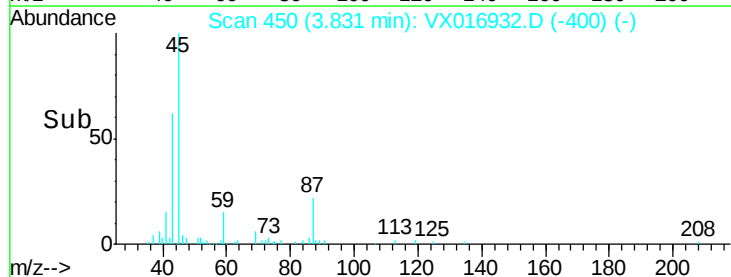
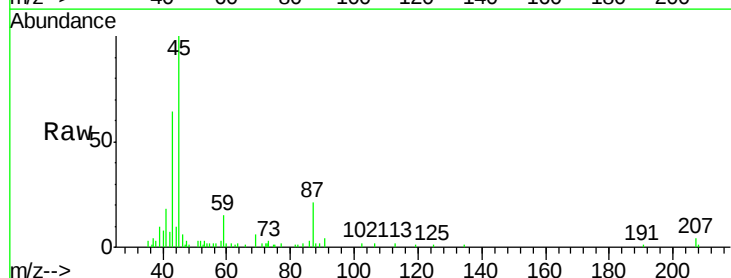
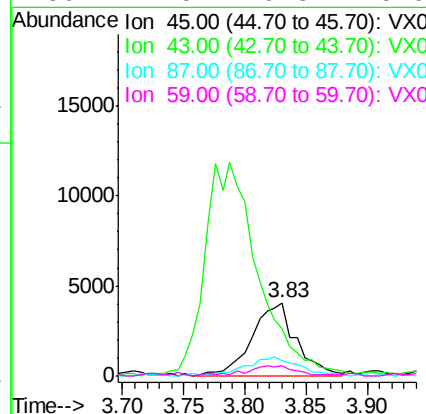
RT: 3.83 min Scan# 450

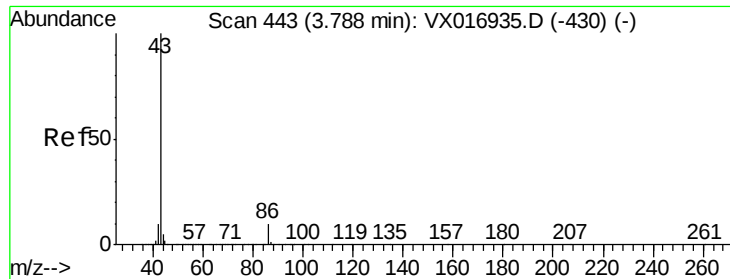
Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion:	45	Resp:	10237
Ion	Ratio	Lower	Upper
45	100		
43	56.8	61.0	91.4#
87	19.9	20.6	30.8#
59	14.5	9.3	13.9#





#23

Vinyl Acetate

Concen: 4.943 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 36195

Ion Ratio Lower Upper

43 100

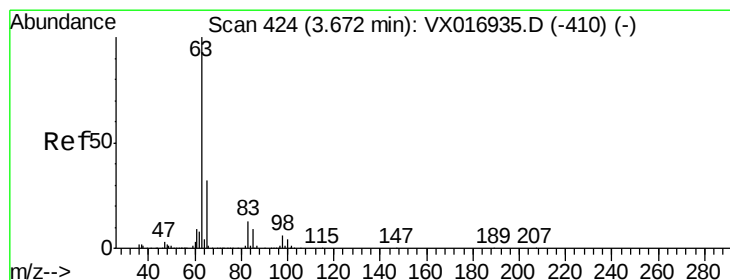
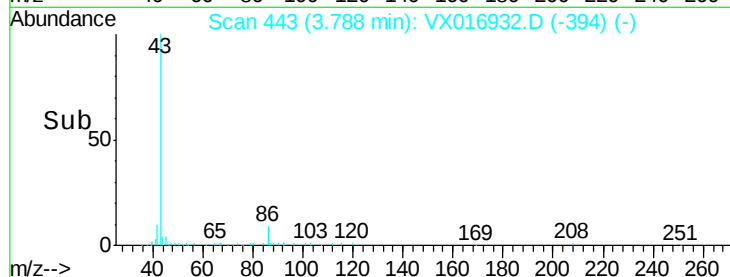
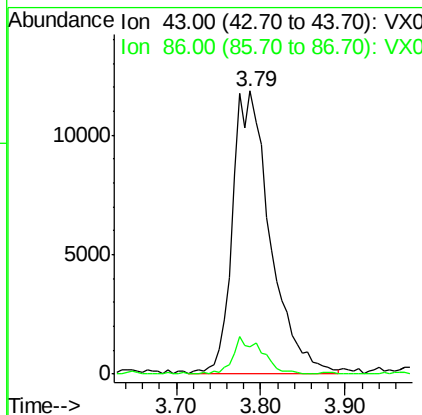
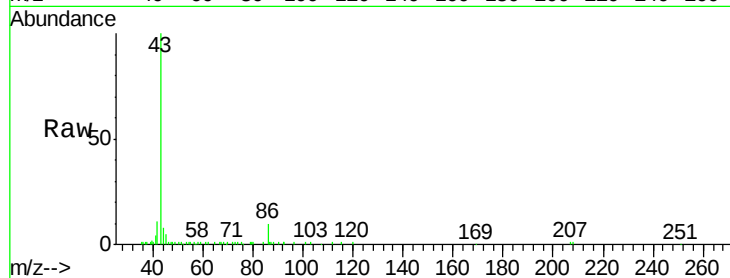
86 9.8 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 1.274 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

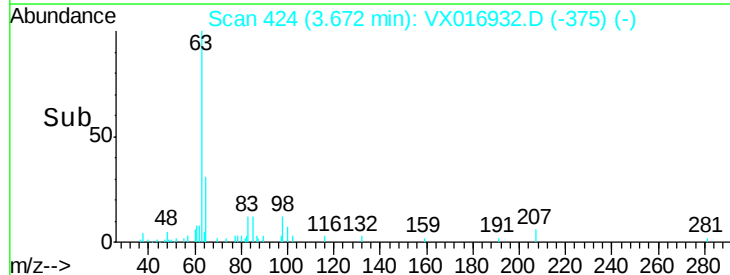
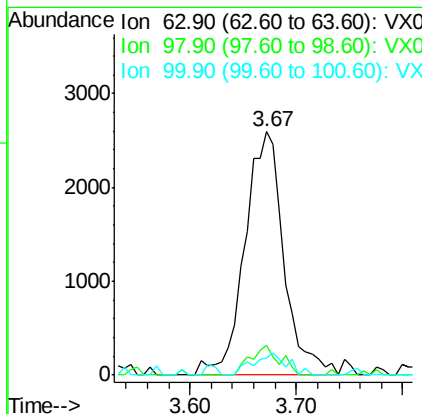
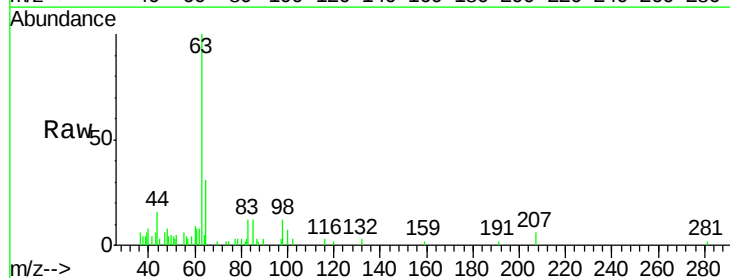
Tgt Ion: 63 Resp: 6672

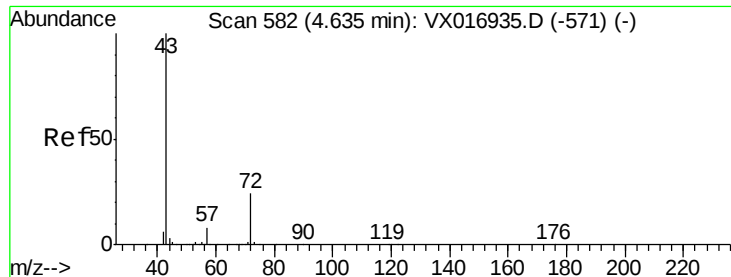
Ion Ratio Lower Upper

63 100

98 12.2 3.1 9.3#

100 7.2 2.2 6.6#





#25

2-Butanone

Concen: 5.694 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 11871

Ion Ratio Lower Upper

43 100

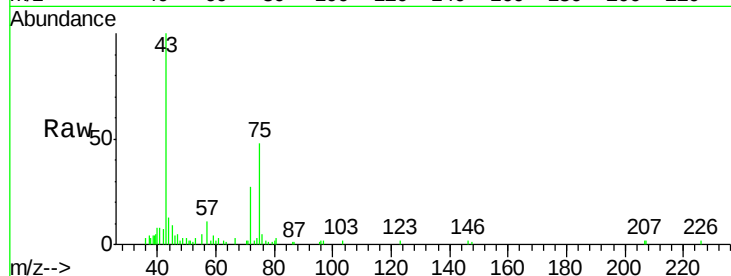
72 26.5 19.6 29.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

4000

3000

2000

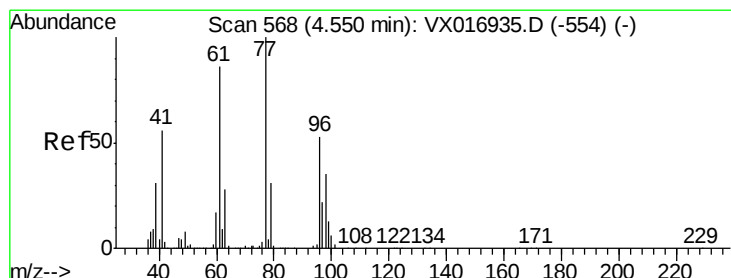
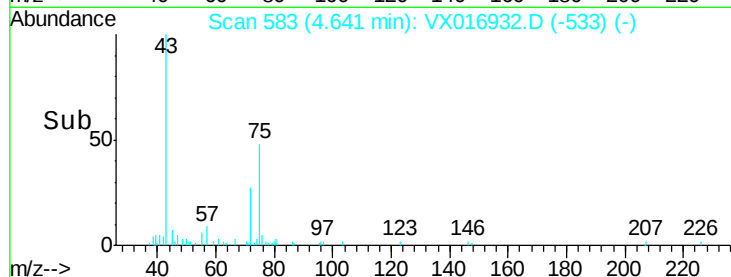
1000

0

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 1.411 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016932.D

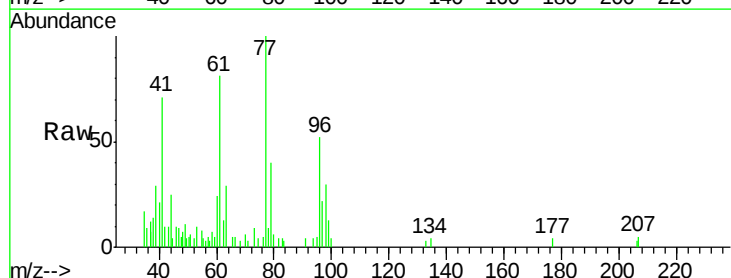
Acq: 23 Jun 2020 16:08

Tgt Ion: 77 Resp: 6391

Ion Ratio Lower Upper

77 100

97 16.8 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

2000

1500

1000

500

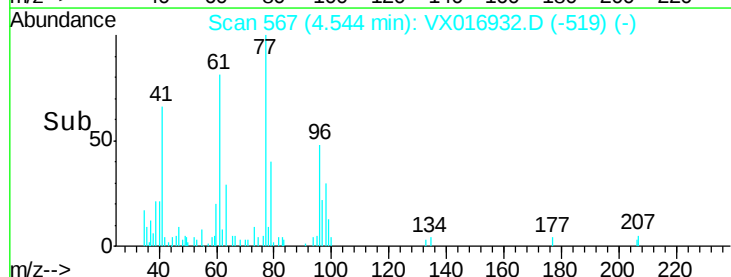
0

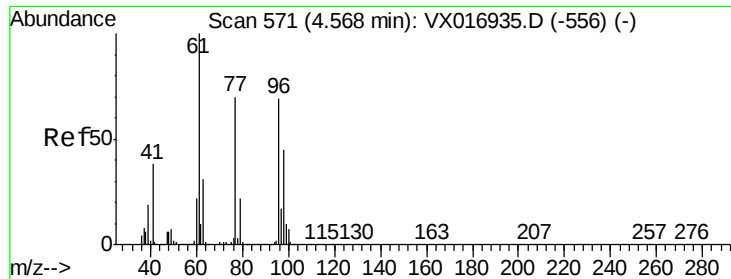
4.40

4.50

4.60

Time-->





#27

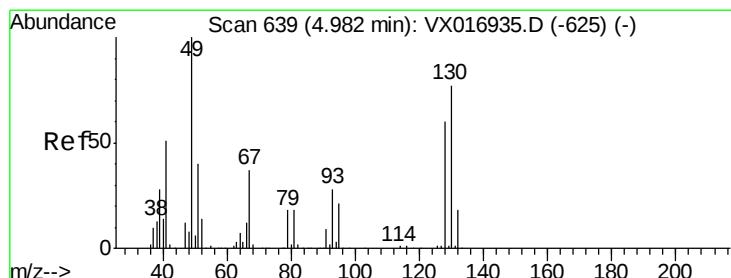
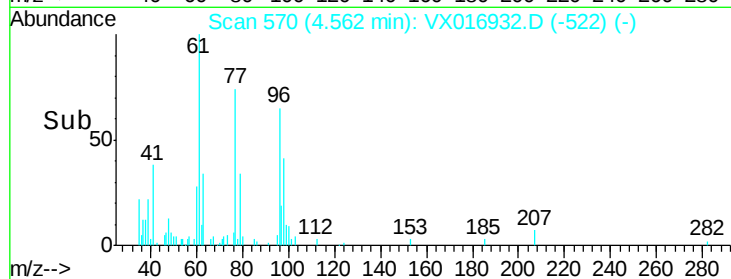
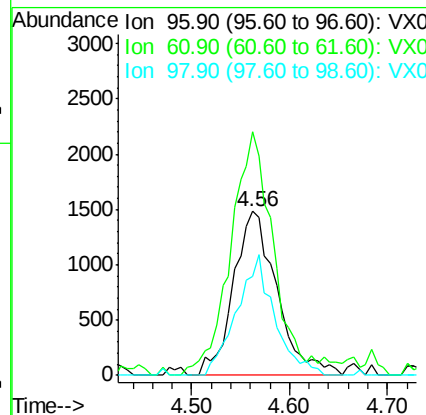
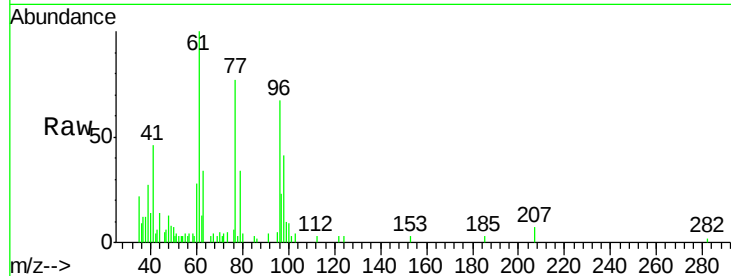
cis-1,2-Dichloroethene
Concen: 1.471 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	312.2
98	63.7	0.0	130.6

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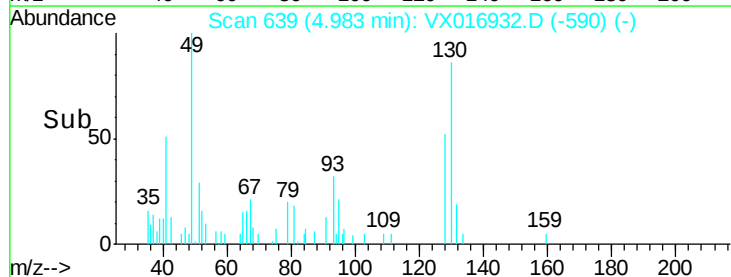
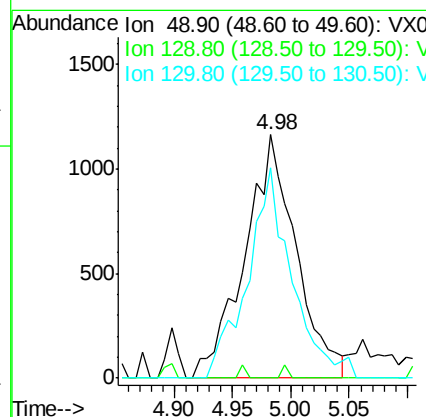
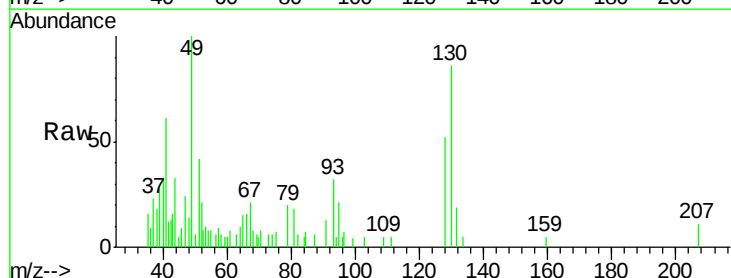
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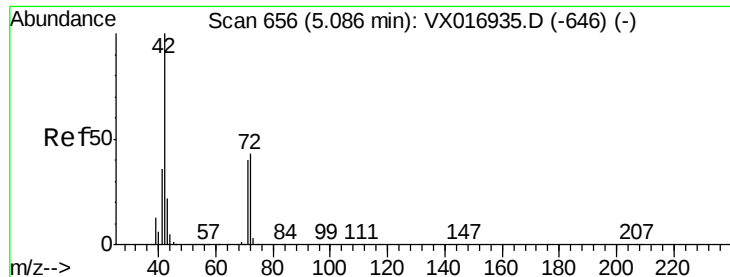


#28

Bromochloromethane
Concen: 1.407 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.0
130	74.5	58.7	88.1





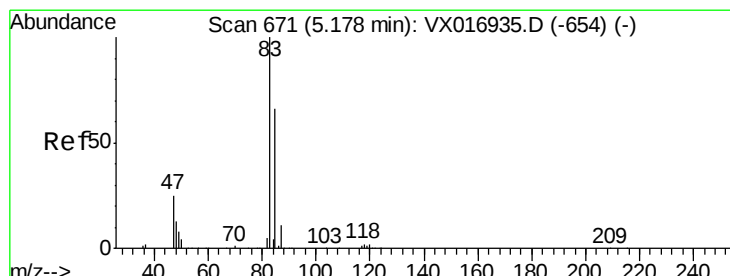
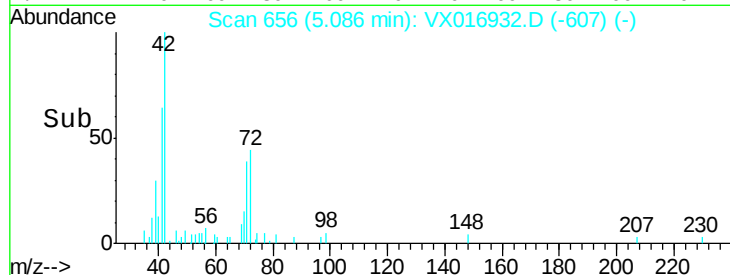
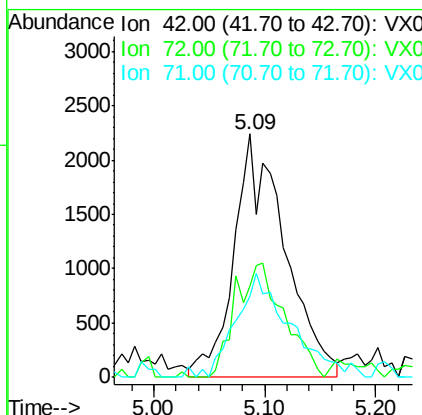
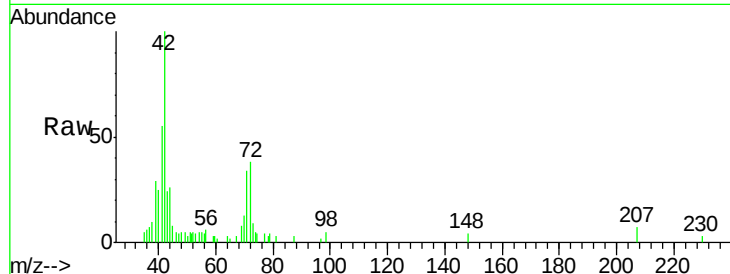
#29
Tetrahydrofuran
Concen: 4.786 ug/l m
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	7138
Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.9	52.3
71	45.7	32.2	48.4

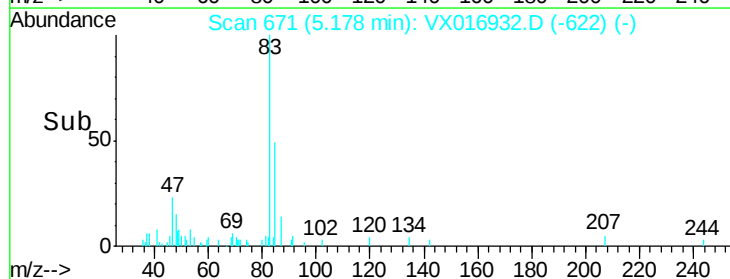
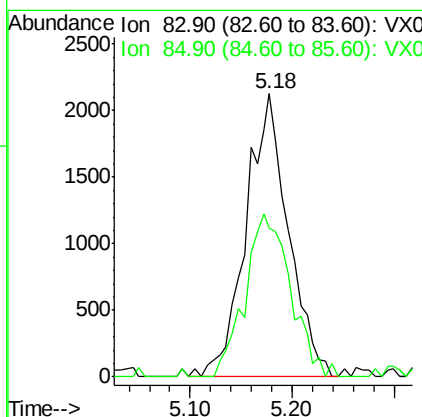
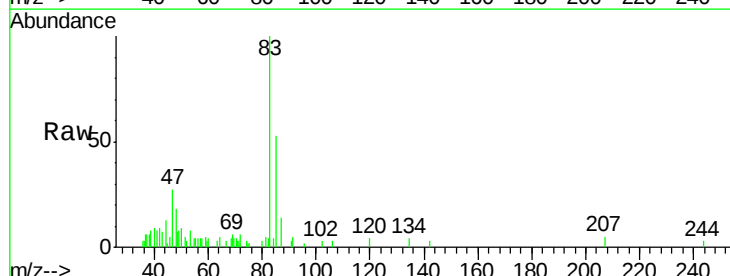
Manual Integrations
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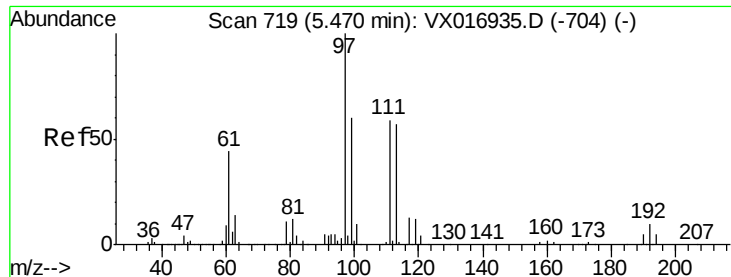
MMDadoda
6/24/2020 10:54:29 AM



#30
Chloroform
Concen: 1.080 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion:	83	Resp:	6140
Ion	Ratio	Lower	Upper
83	100		
85	52.5	52.8	79.2#





#32

1,1,1-Trichloroethane

Concen: 1.069 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

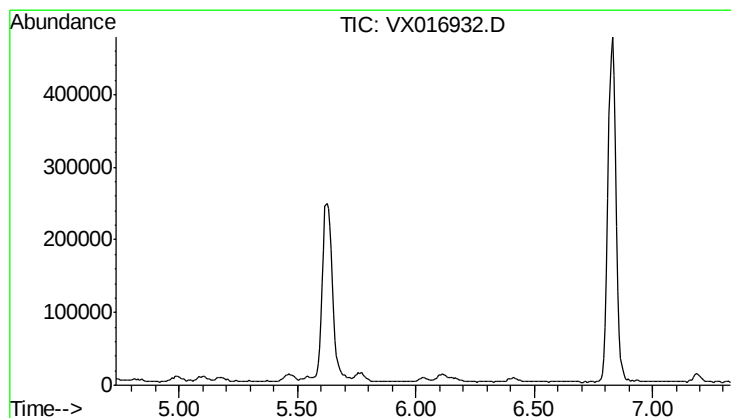
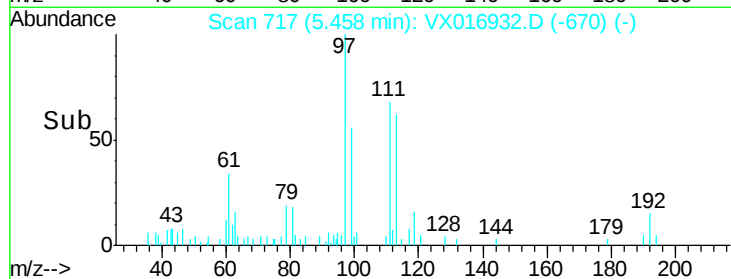
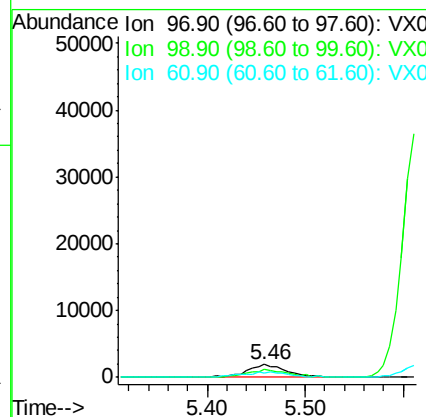
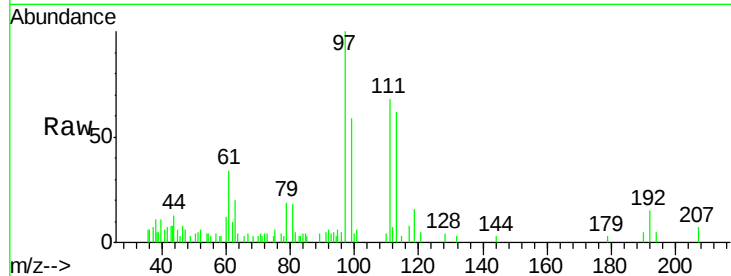
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	5337
Ion Ratio	Lower	Upper	
97	100		
99	0.0	50.6	76.0#
61	51.1	36.1	54.1

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX016932.D

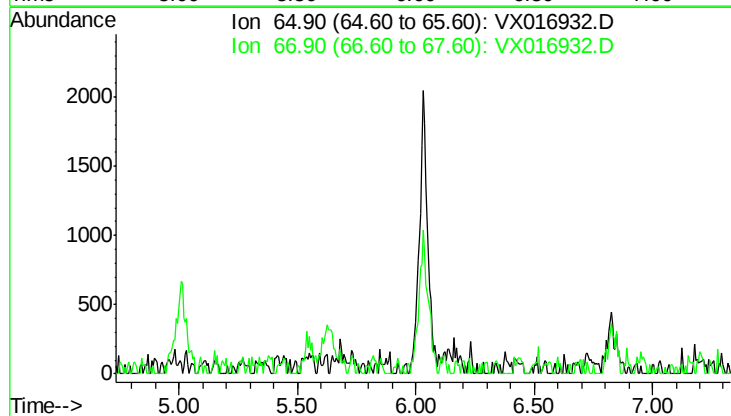
Acq: 23 Jun 2020 16:08

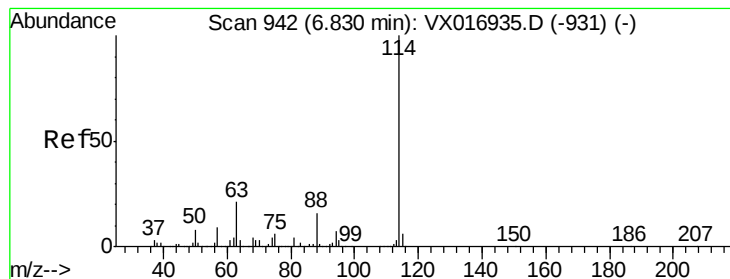
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

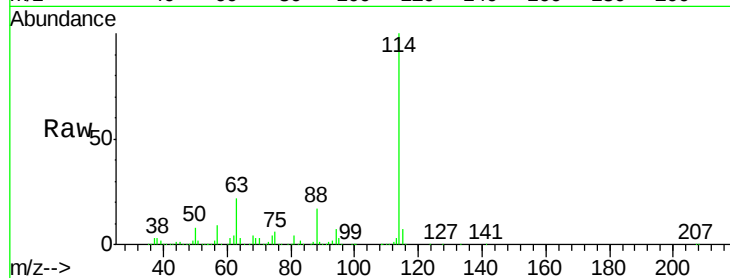
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	458430
Ion Ratio		Lower	Upper
114	100		
63	21.9	0.0	41.4
88	17.1	0.0	32.4

Manual Integrations
APPROVED

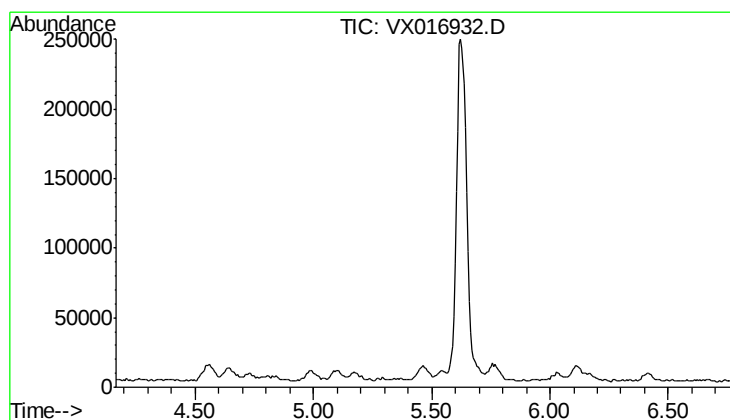
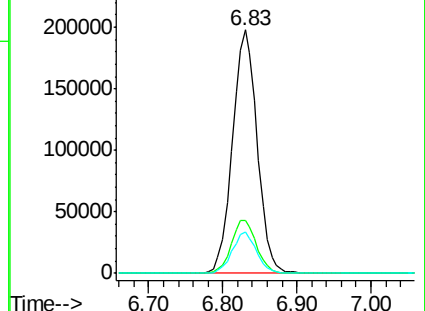
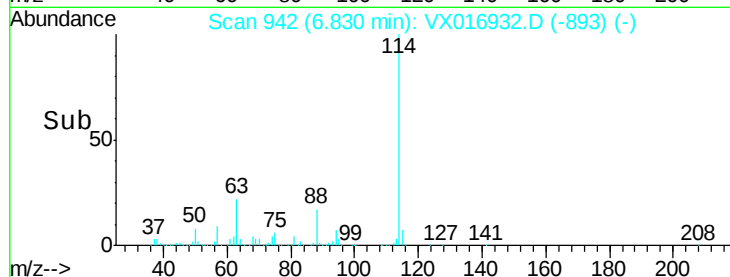
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.46 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

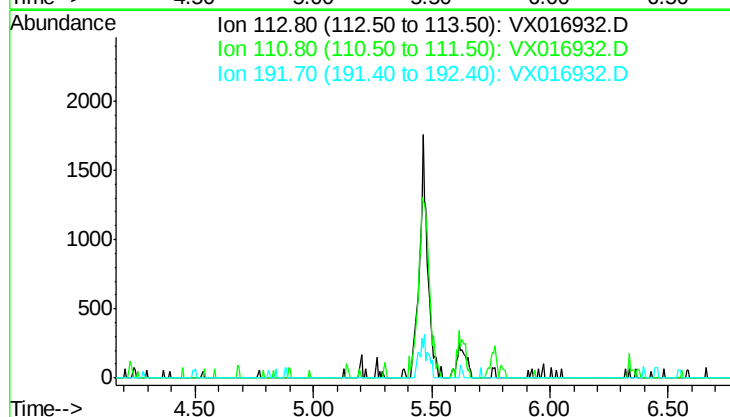
Tgt Ion: 113

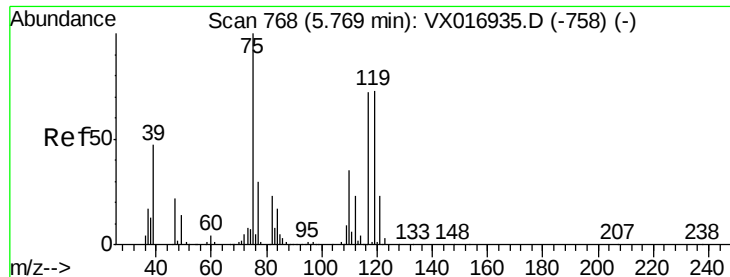
Sig Exp Ratio

113 100

111 104.2

192 18.3





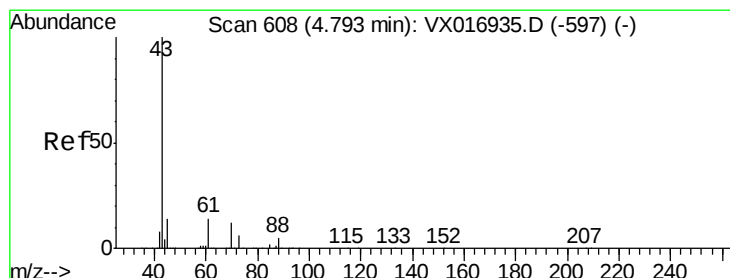
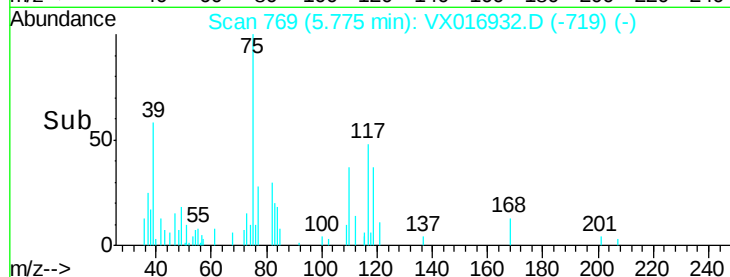
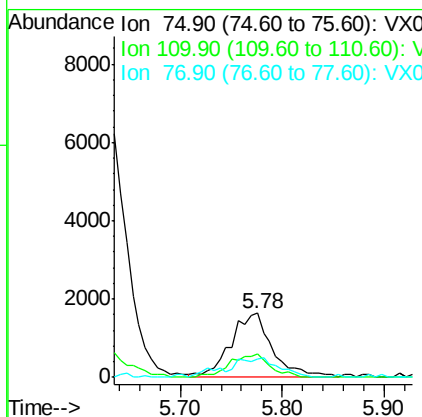
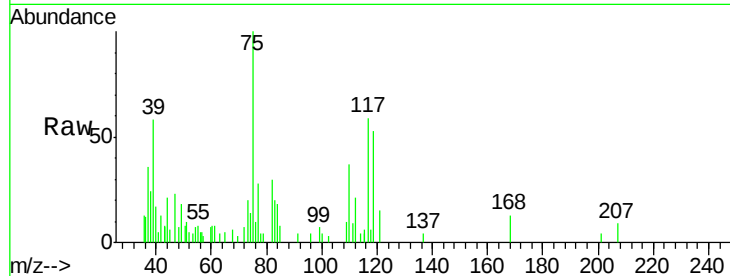
#36
 1,1-Dichloropropene
 Concen: 0.975 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.1	51.3
77	30.3	24.9	37.3

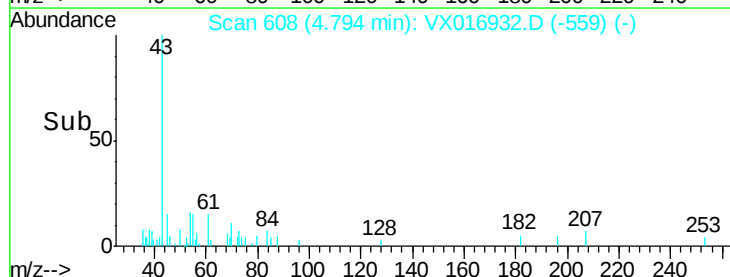
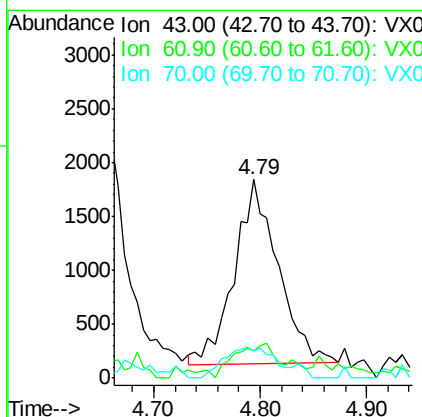
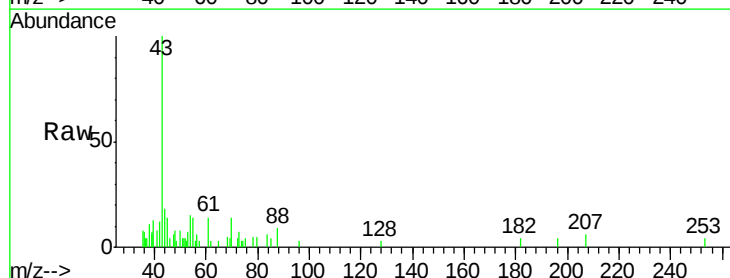
Manual Integrations
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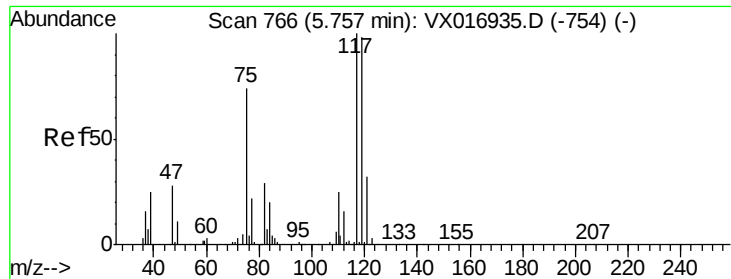
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#37
 Ethyl Acetate
 Concen: 1.017 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	11.0	16.4#
70	19.3	8.9	13.3#





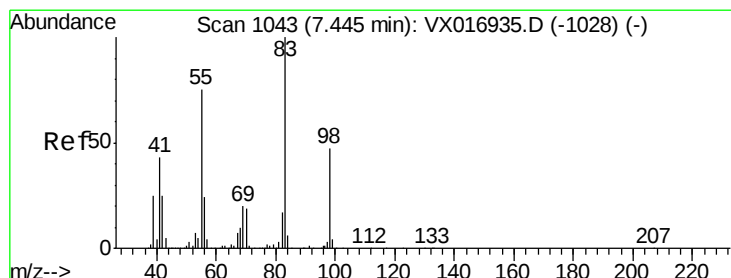
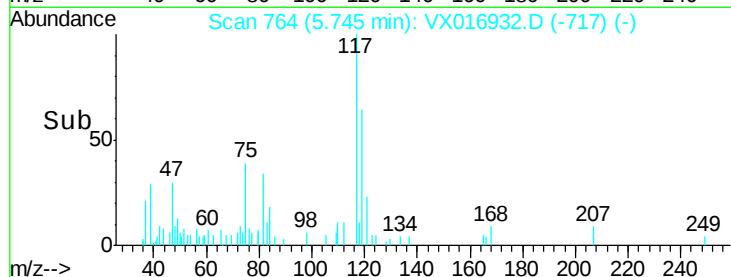
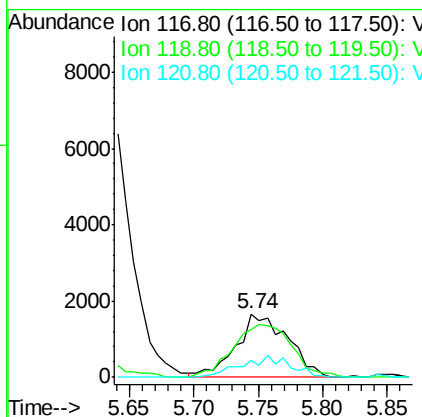
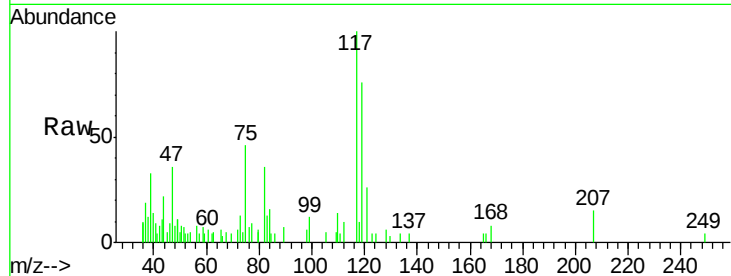
#38
Carbon Tetrachloride
Concen: 0.948 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 4622
Ion Ratio Lower Upper
117 100
119 75.6 78.2 117.2#
121 26.5 25.0 37.6

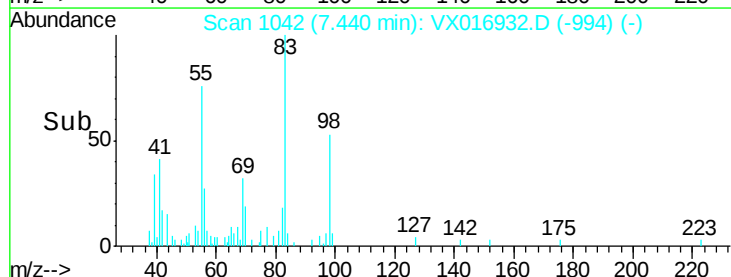
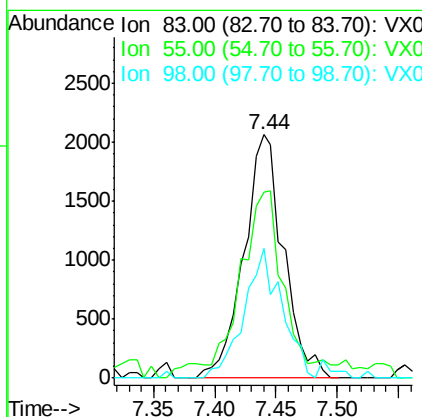
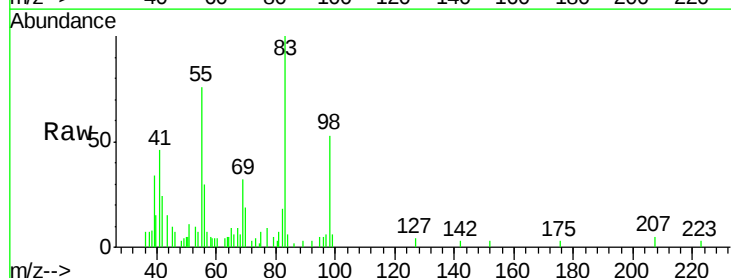
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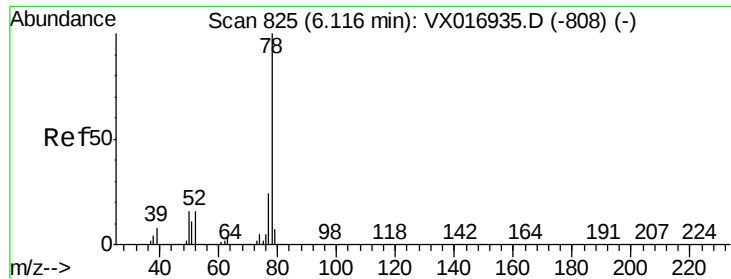
MMDadoda
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#39
Methylcyclohexane
Concen: 0.949 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion: 83 Resp: 4659
Ion Ratio Lower Upper
83 100
55 71.0 59.9 89.9
98 53.1 37.3 55.9





#40

Benzene

Concen: 0.943 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 12178

Ion Ratio Lower Upper

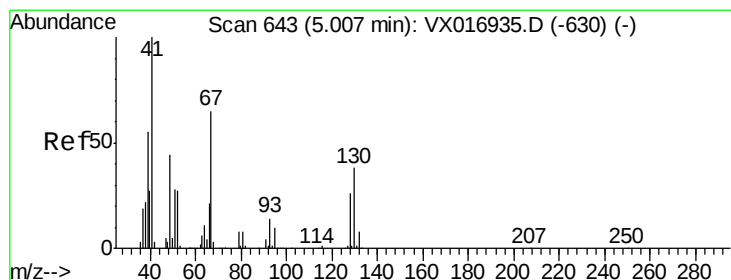
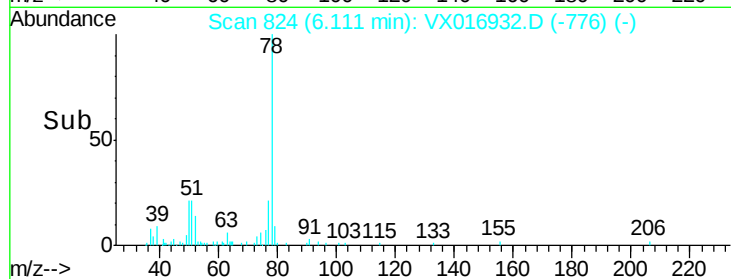
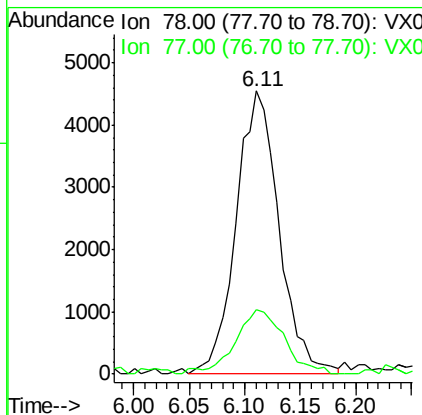
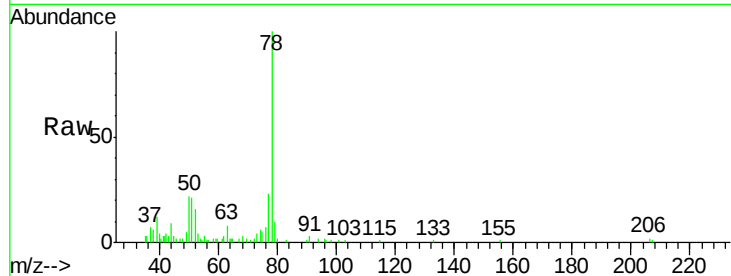
78 100

77 22.9 19.1 28.7

Manual Integrations
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#41

Methacrylonitrile

Concen: 0.860 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion: 41 Resp: 2432

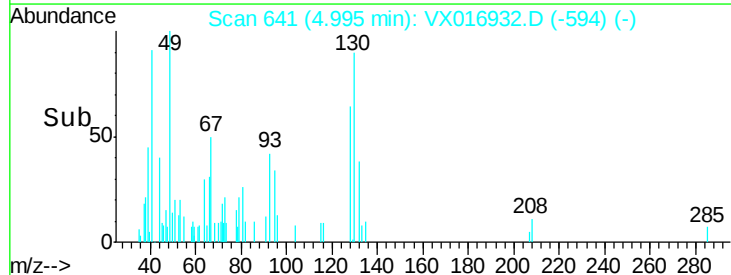
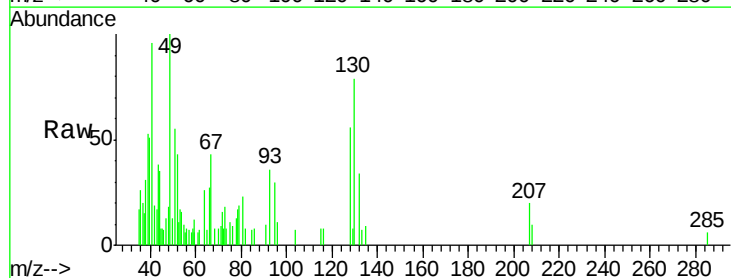
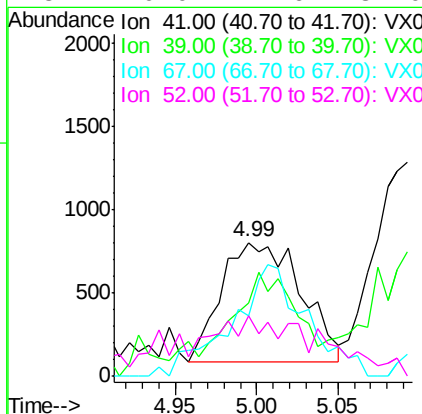
Ion Ratio Lower Upper

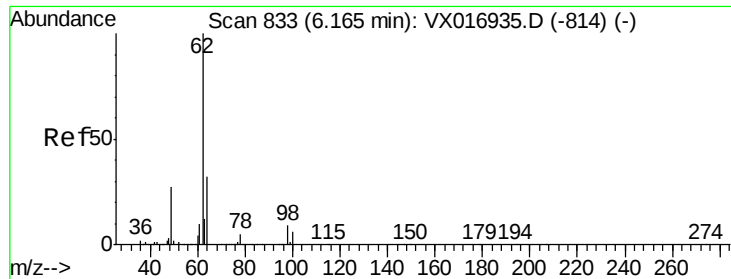
41 100

39 56.8 44.2 66.2

67 87.6 55.1 82.7#

52 0.0 22.6 34.0#





#42

1,2-Dichloroethane

Concen: 1.011 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

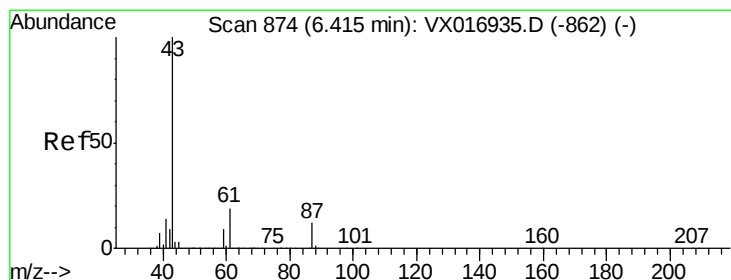
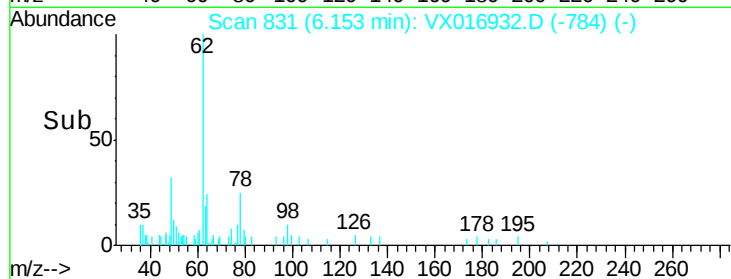
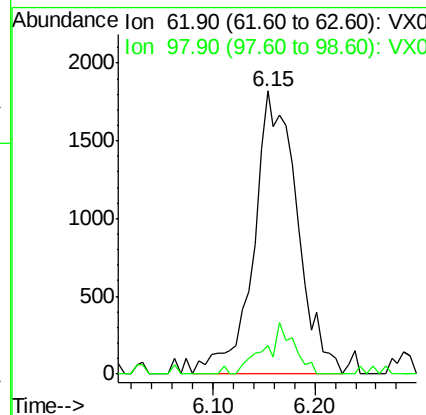
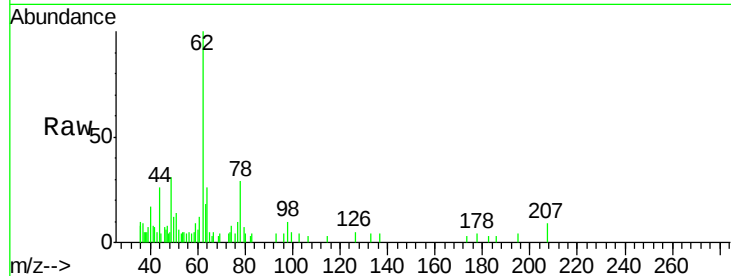
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	17.0

Manual Integrations
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#43

Isopropyl Acetate

Concen: 0.985 ug/l

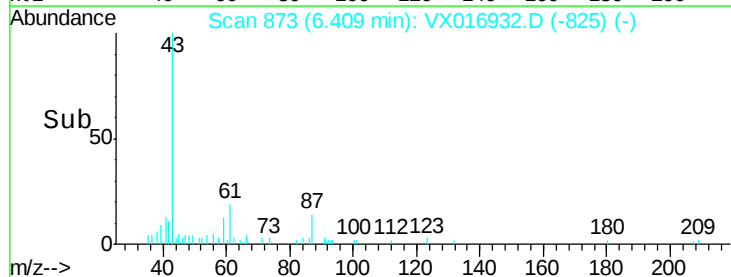
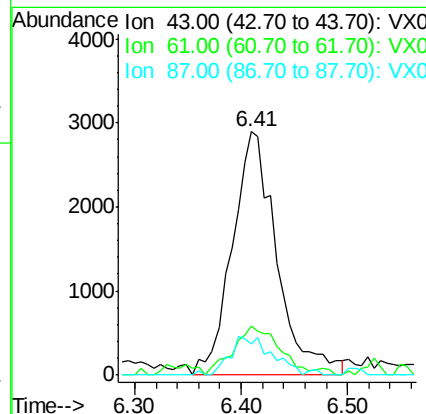
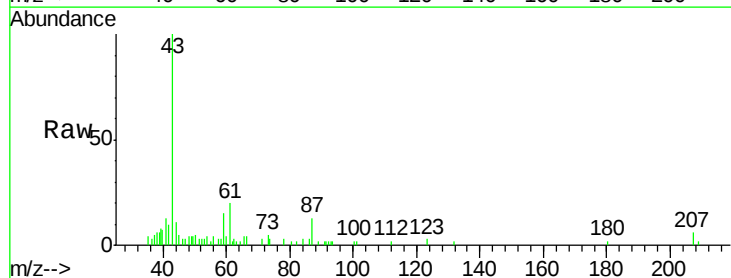
RT: 6.41 min Scan# 873

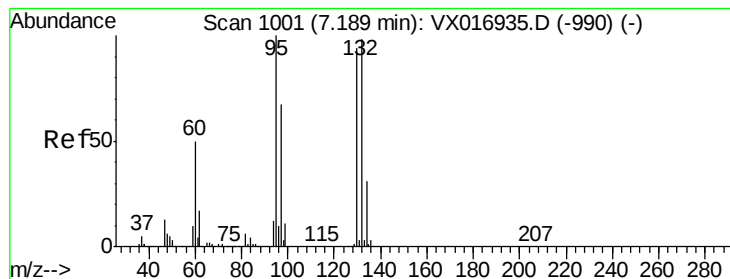
Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.5	15.4	23.0
87	14.6	10.2	15.2





#44

Trichloroethene

Concen: 1.179 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4131

Ion Ratio Lower Upper

130 100

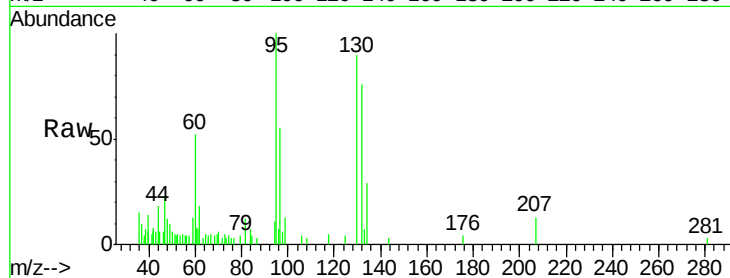
95 111.2 0.0 213.2

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

2500

2000

1500

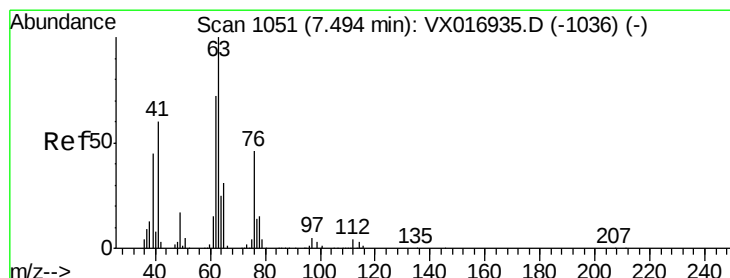
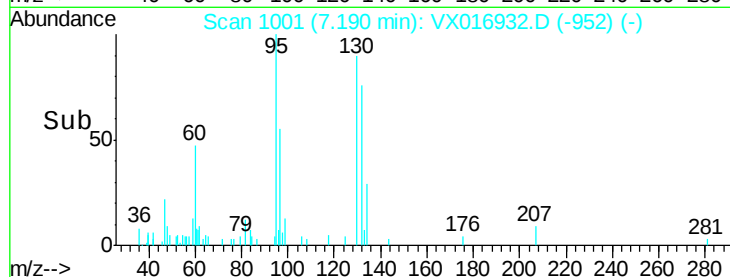
1000

500

0

7.10 7.15 7.20 7.25

Time-->



#45

1,2-Dichloropropane

Concen: 0.965 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016932.D

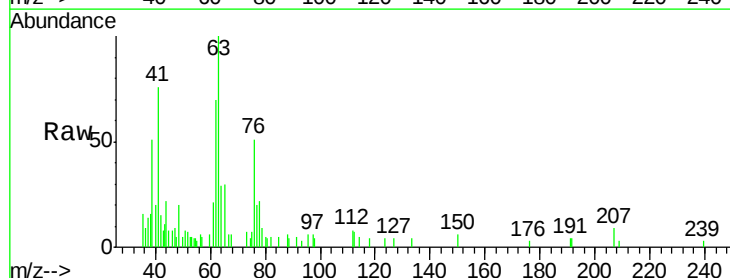
Acq: 23 Jun 2020 16:08

Tgt Ion: 63 Resp: 3417

Ion Ratio Lower Upper

63 100

65 25.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

1500

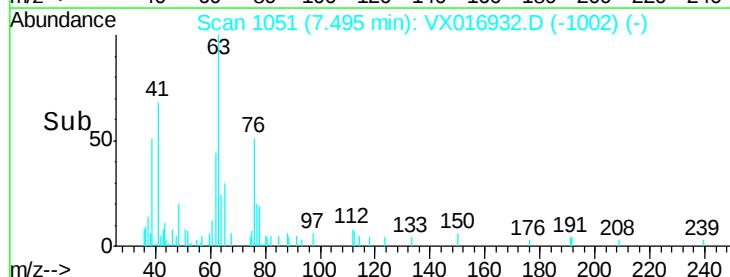
1000

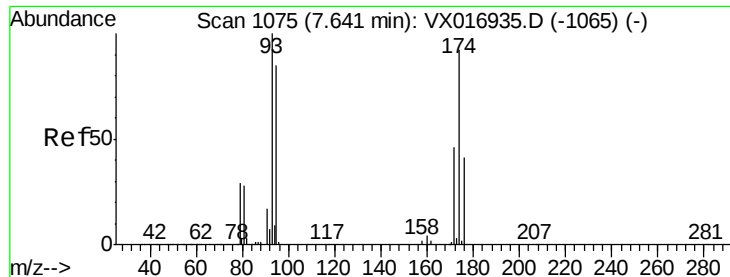
500

0

7.40 7.50 7.60

Time-->





#46

Dibromomethane

Concen: 0.912 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

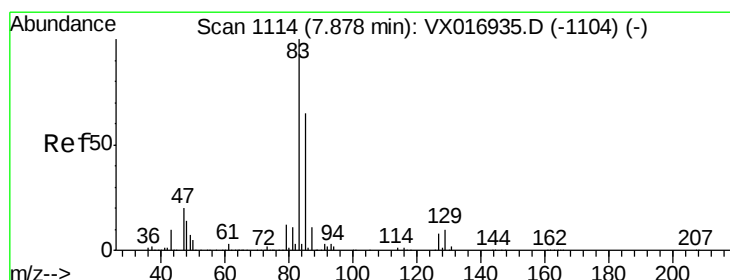
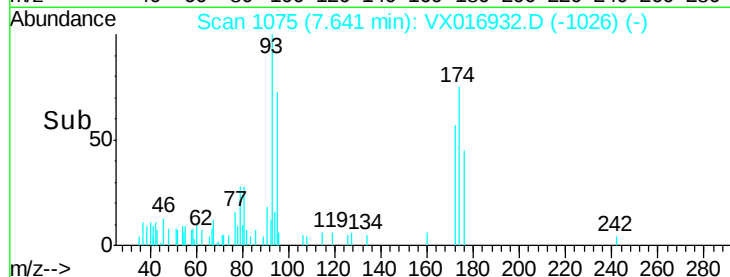
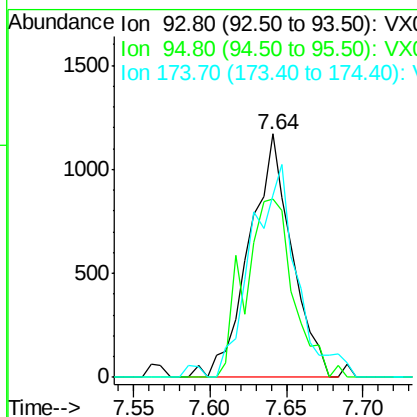
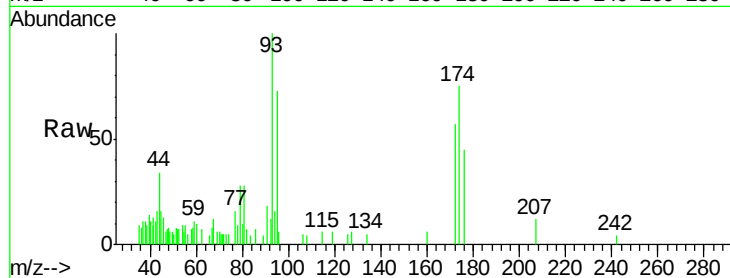
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	2268
Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.3	99.5
174	93.2	71.1	106.7

Manual Integrations
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#47

Bromodichloromethane

Concen: 0.973 ug/l

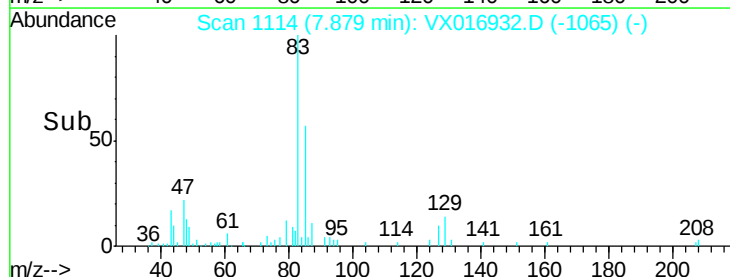
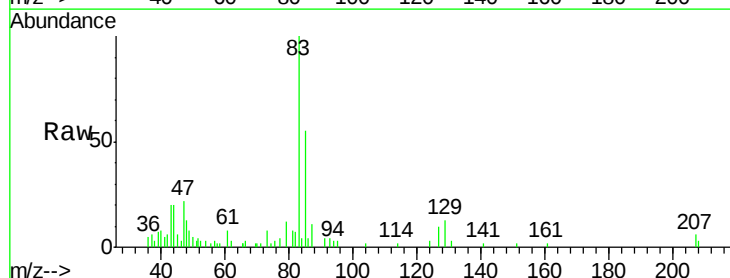
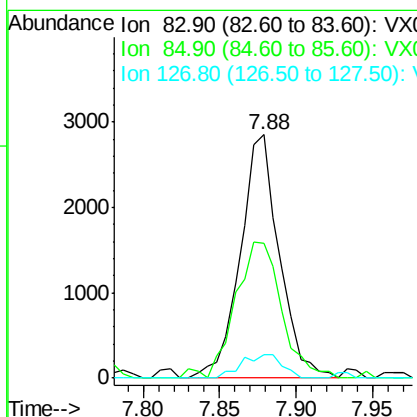
RT: 7.88 min Scan# 1114

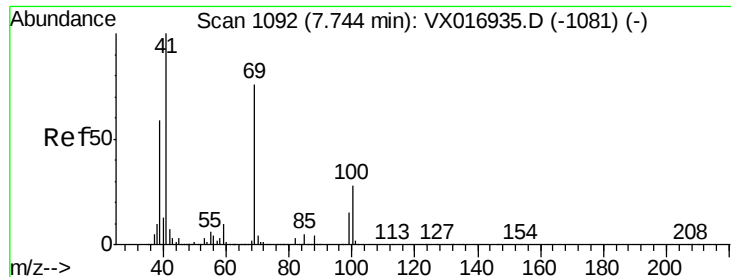
Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion:	83	Resp:	5028
Ion	Ratio	Lower	Upper
83	100		
85	55.5	52.4	78.6
127	9.6	6.7	10.1





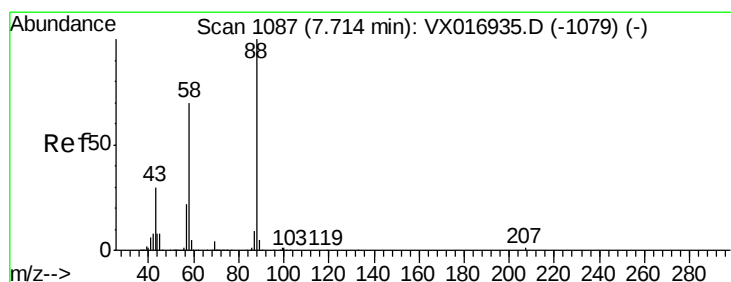
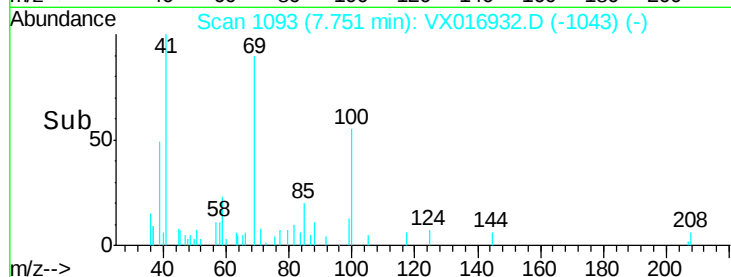
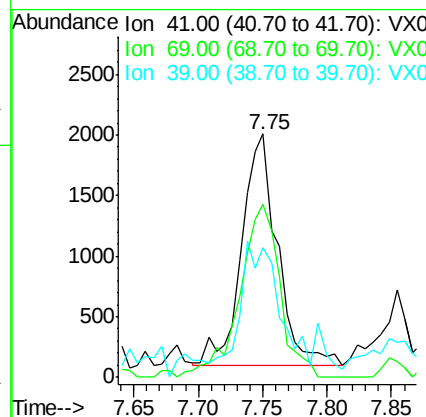
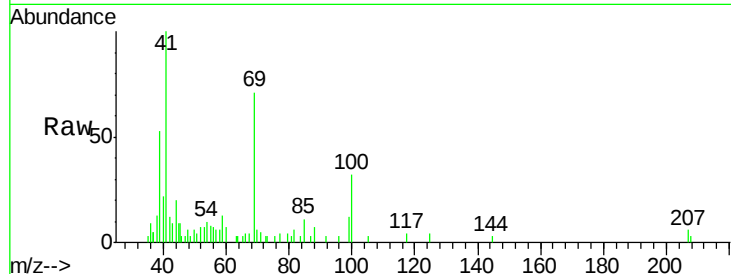
#48
Methvl methacrylate
Concen: 0.929 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	84.2	62.5	93.7
39	61.3	49.1	73.7

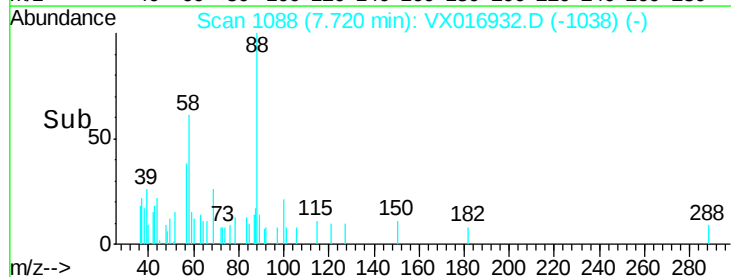
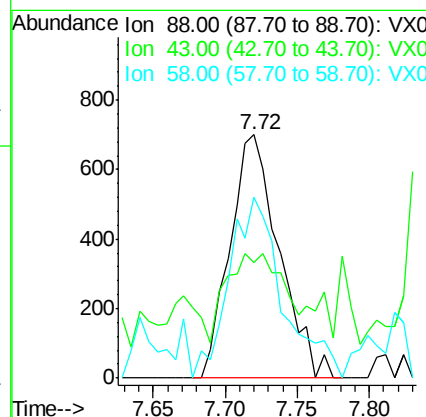
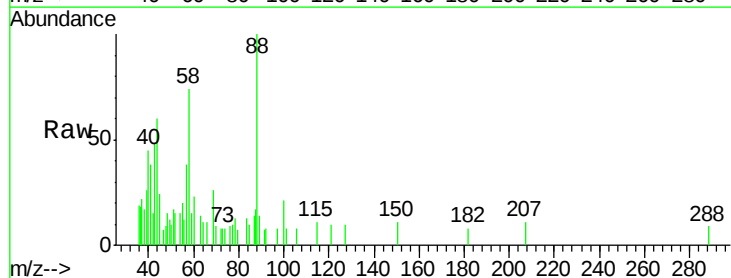
Manual Integrations
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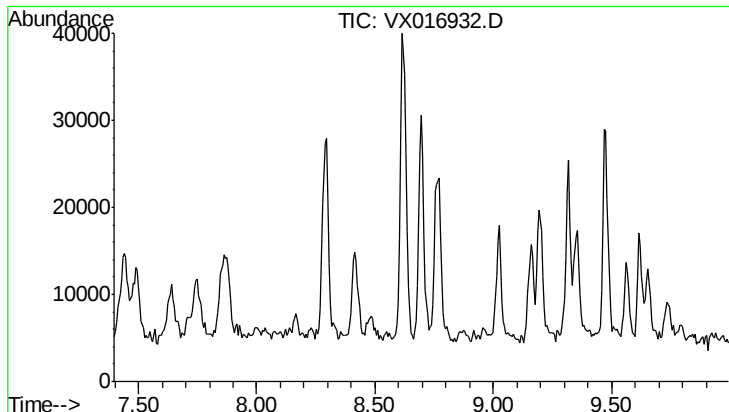
MMDadoda
6/24/2020 10:54:29 AM



#49
1,4-Dioxane
Concen: 18.690 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
43	42.5	27.3	40.9#
58	81.3	57.4	86.0





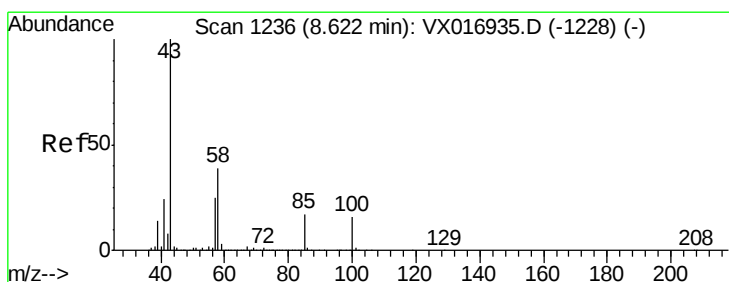
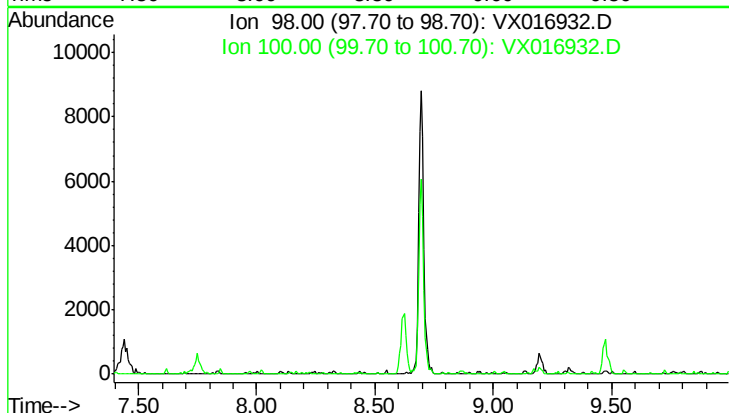
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.4

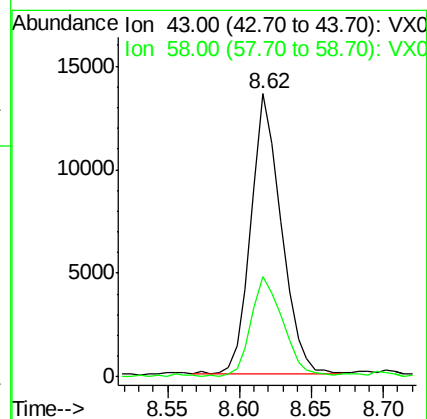
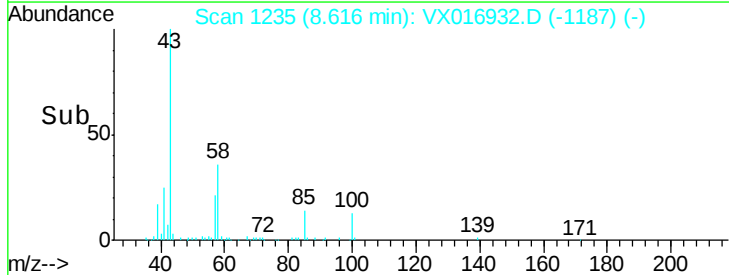
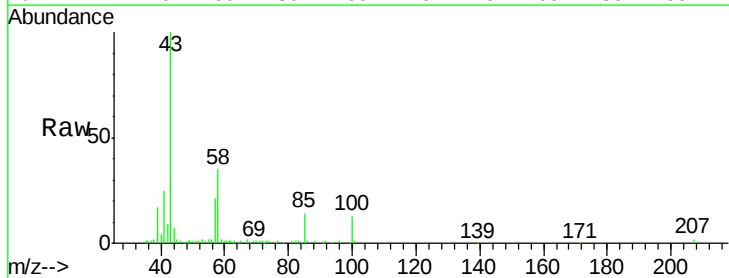
Manual Integrations
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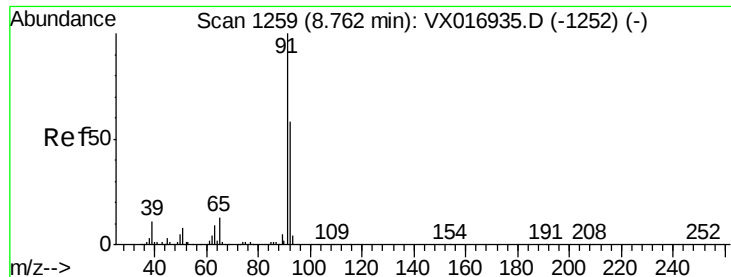
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#51
4-Methyl-2-Pentanone
Concen: 4.040 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion: 43 Resp: 19866
Ion Ratio Lower Upper
43 100
58 37.4 30.6 46.0





#52

Toluene

Concen: 0.917 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7296

Ion Ratio Lower Upper

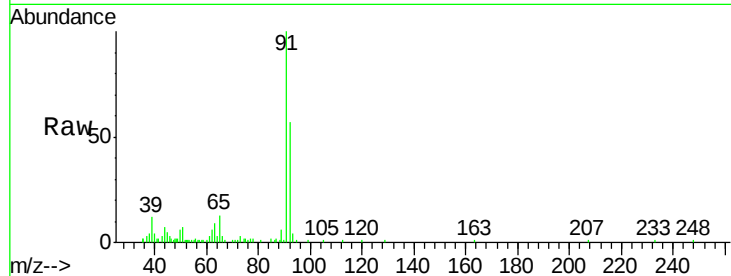
92 100

91 179.2 137.4 206.0

Manual Integrations
APPROVED

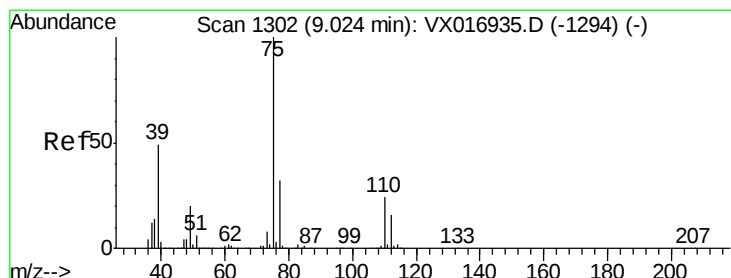
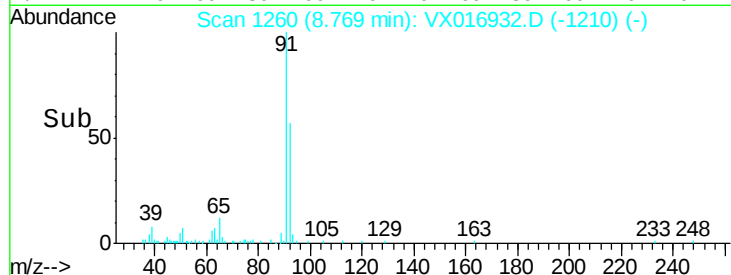
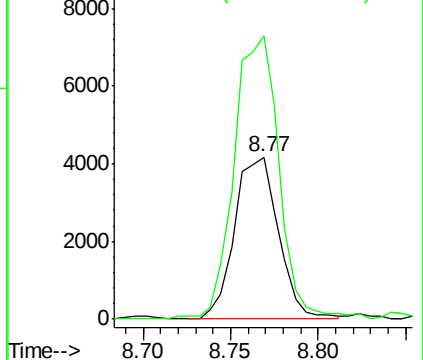
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.996 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016932.D

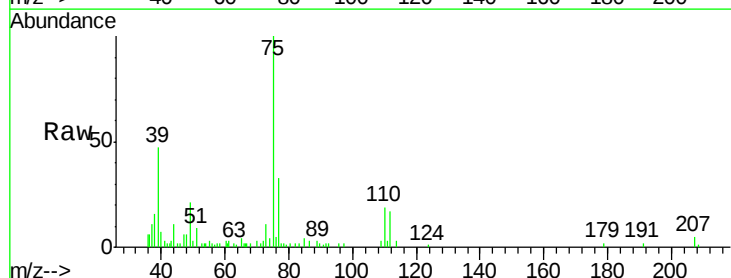
Acq: 23 Jun 2020 16:08

Tgt Ion: 75 Resp: 5791

Ion Ratio Lower Upper

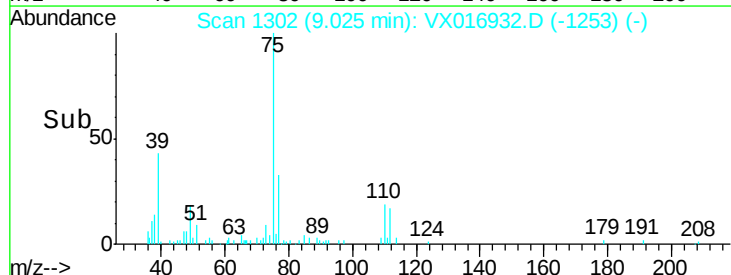
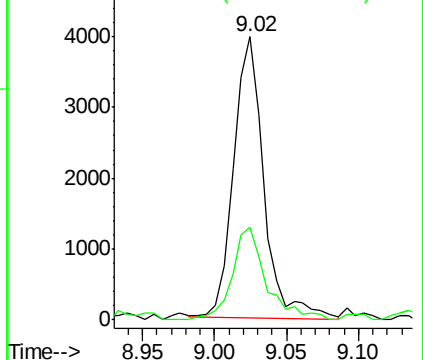
75 100

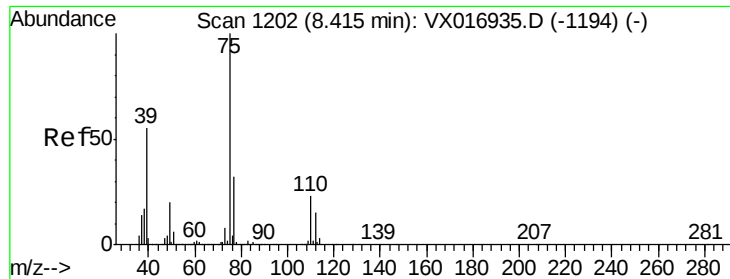
77 33.0 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.947 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

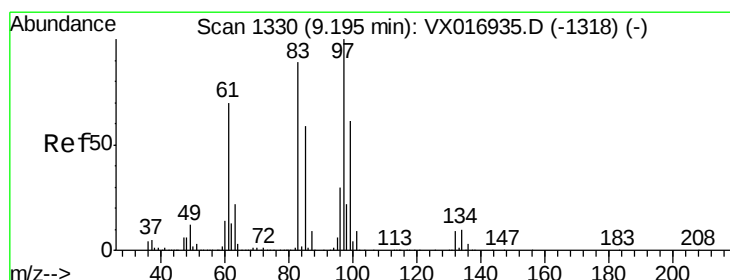
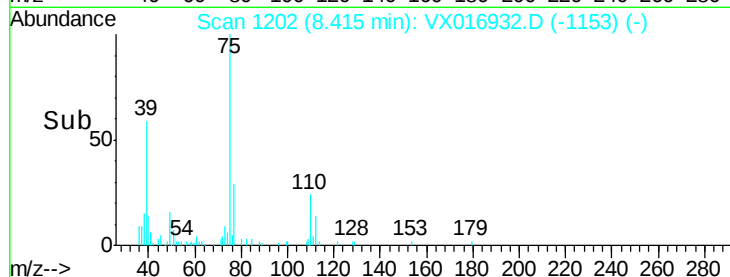
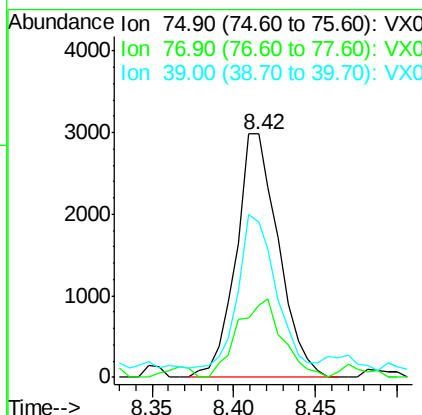
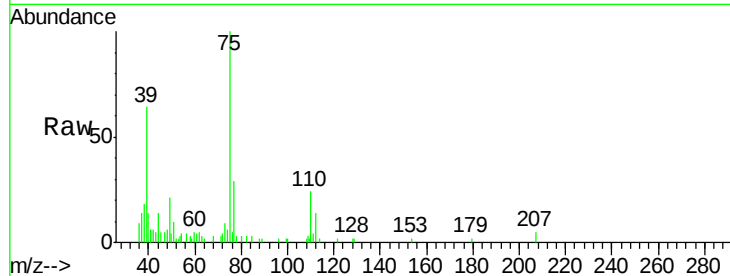
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5406
Ion	Ratio	Lower	Upper
75	100		
77	27.2	25.5	38.3
39	59.9	44.4	66.6

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.982 ug/l

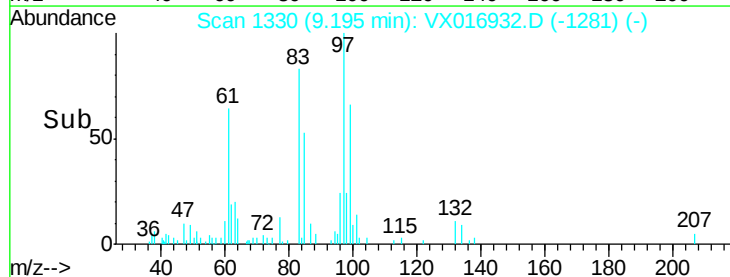
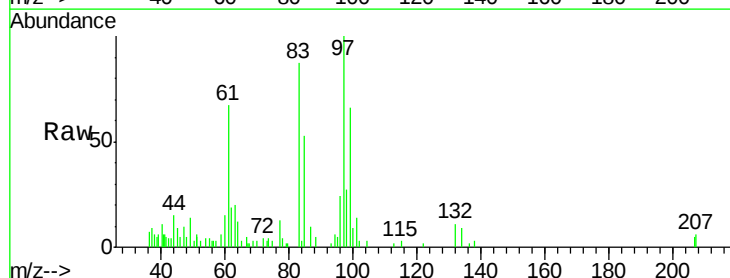
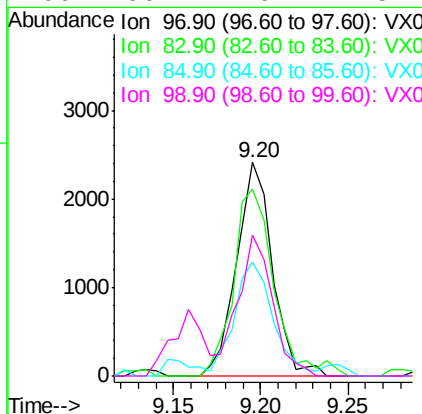
RT: 9.20 min Scan# 1330

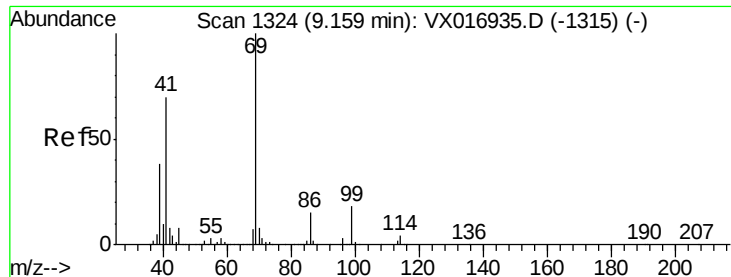
Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion:	97	Resp:	3433
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.3	106.9
85	48.8	47.4	71.2
99	66.2	49.1	73.7





#56

Ethyl methacrylate

Concen: 0.934 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

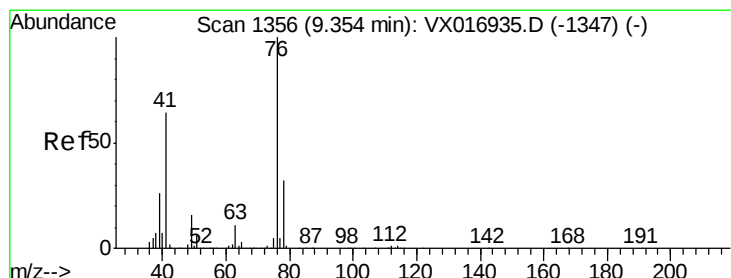
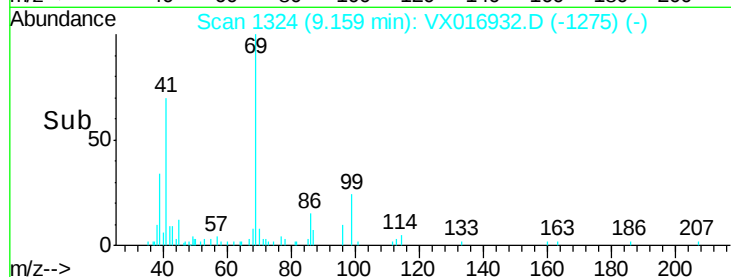
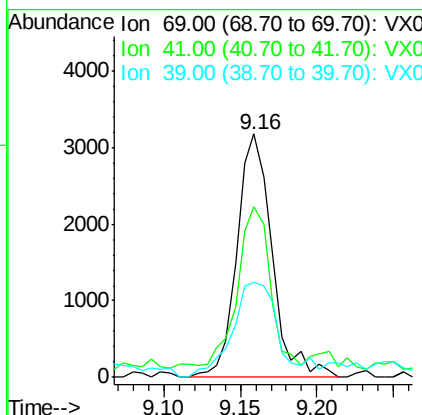
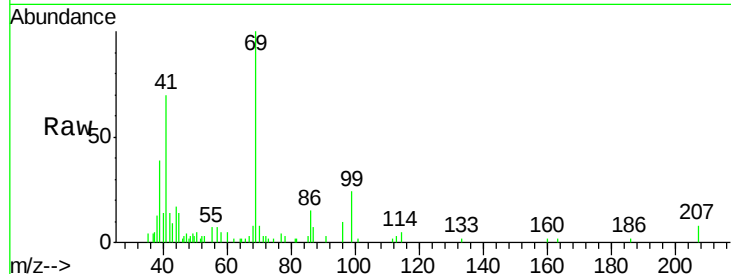
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5060
Ion	Ratio	Lower	Upper
69	100		
41	62.1	56.6	84.8
39	49.1	31.8	47.8#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.913 ug/l

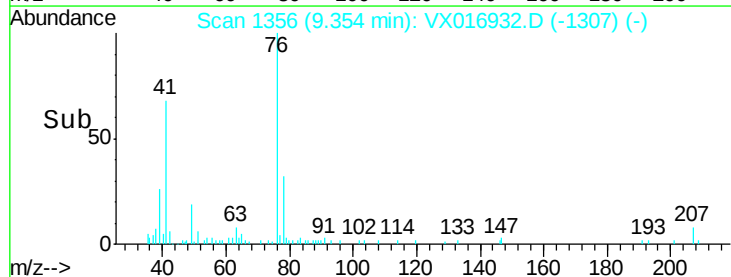
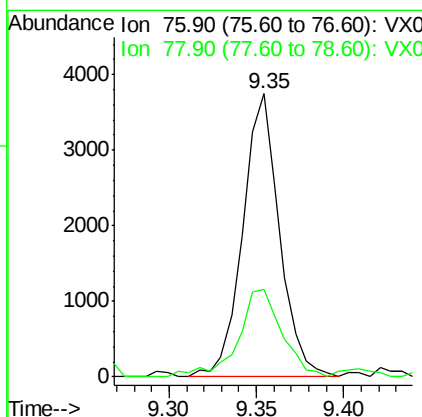
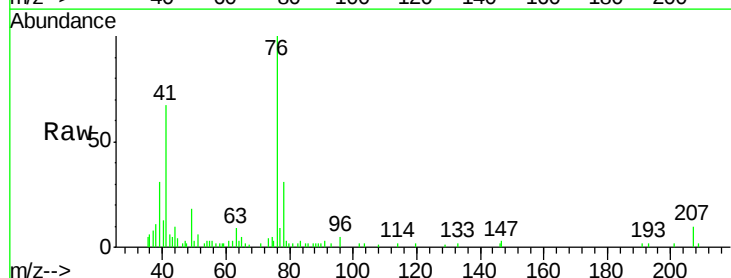
RT: 9.35 min Scan# 1356

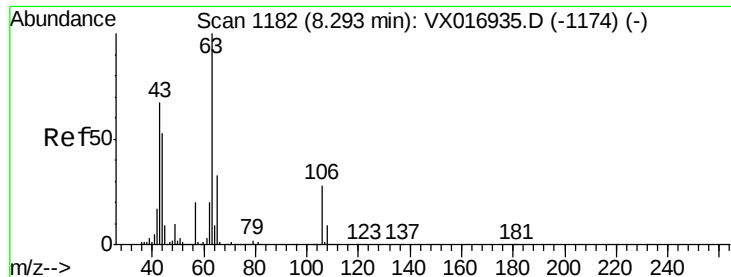
Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion:	76	Resp:	5472
Ion	Ratio	Lower	Upper
76	100		
78	36.8	26.0	39.0





#58

2-Chloroethyl Vinyl ether

Concen: 4.112 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 9456

Ion Ratio Lower Upper

63 100

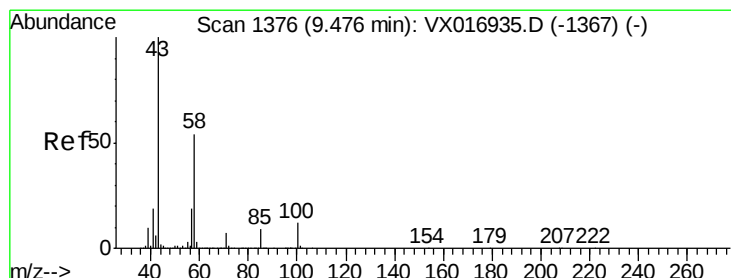
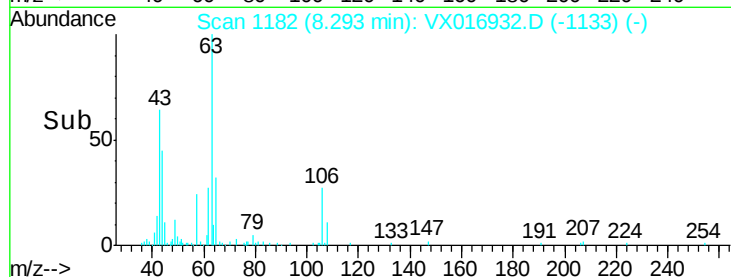
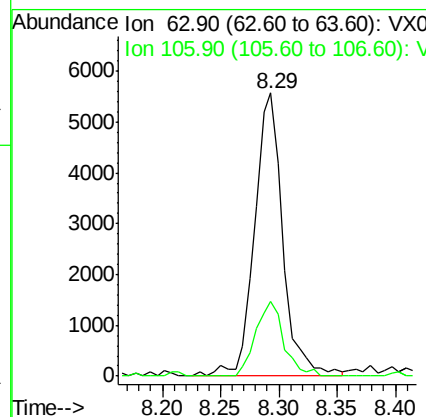
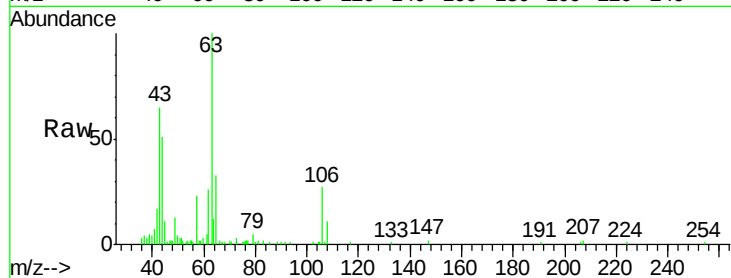
106 26.3 22.4 33.6

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#59

2-Hexanone

Concen: 3.363 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX016932.D

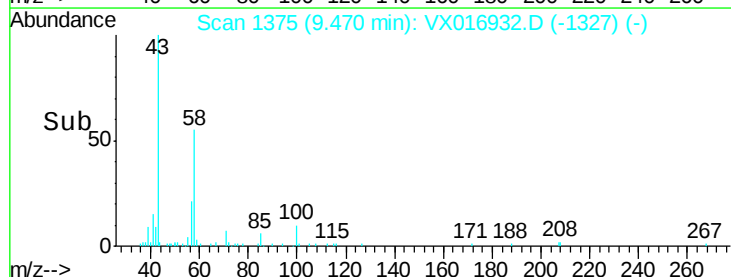
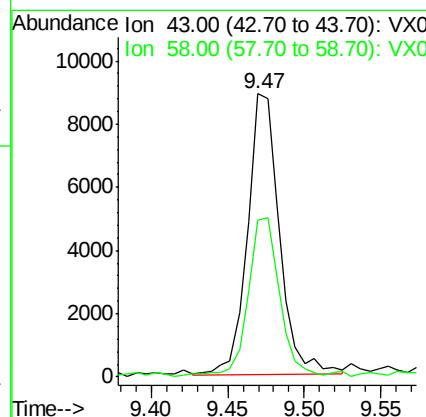
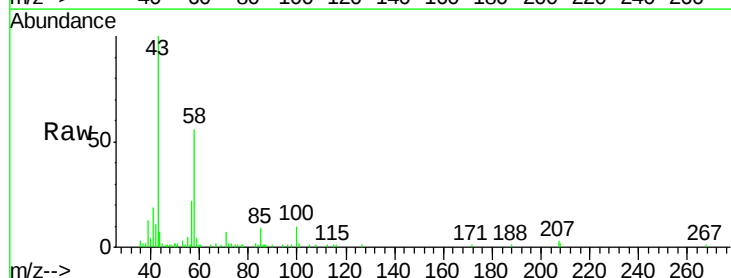
Acq: 23 Jun 2020 16:08

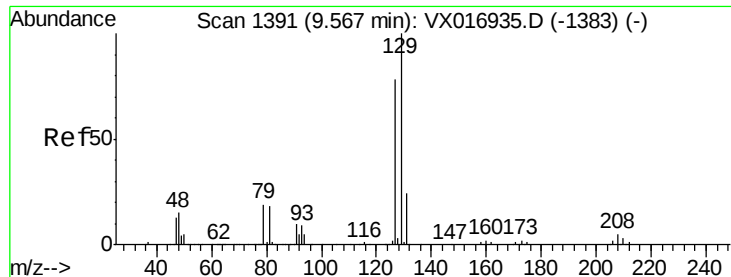
Tgt Ion: 43 Resp: 12865

Ion Ratio Lower Upper

43 100

58 56.7 26.8 80.4





#60

Dibromochloromethane

Concen: 0.891 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3385

Ion Ratio Lower Upper

129 100

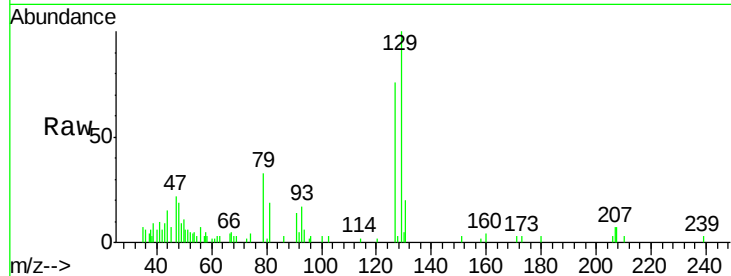
127 80.6 39.2 117.6

Manual Integrations

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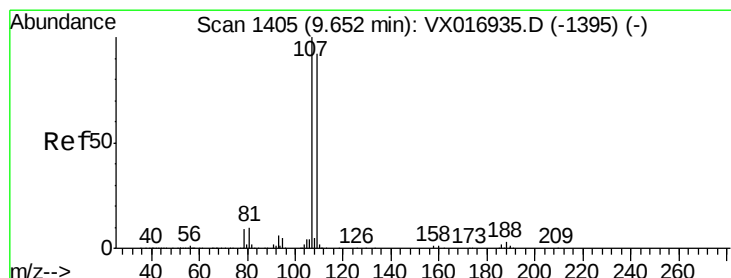
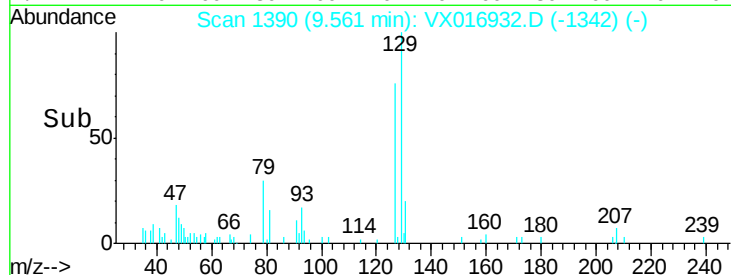
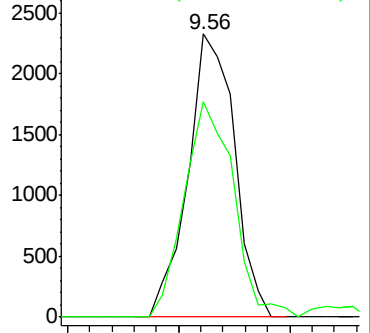
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.936 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016932.D

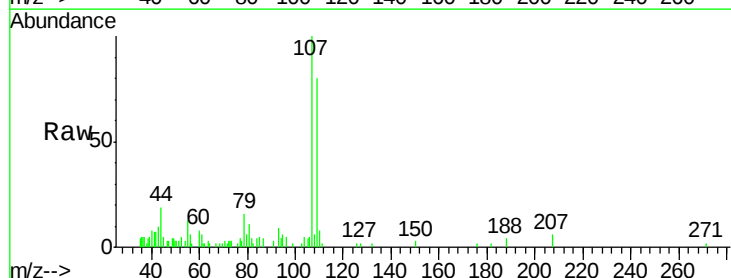
Acq: 23 Jun 2020 16:08

Tgt Ion:107 Resp: 3444

Ion Ratio Lower Upper

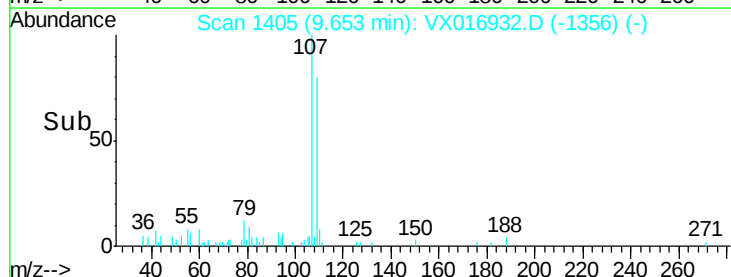
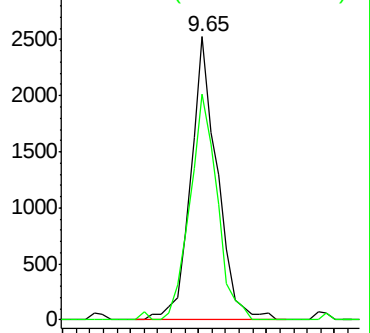
107 100

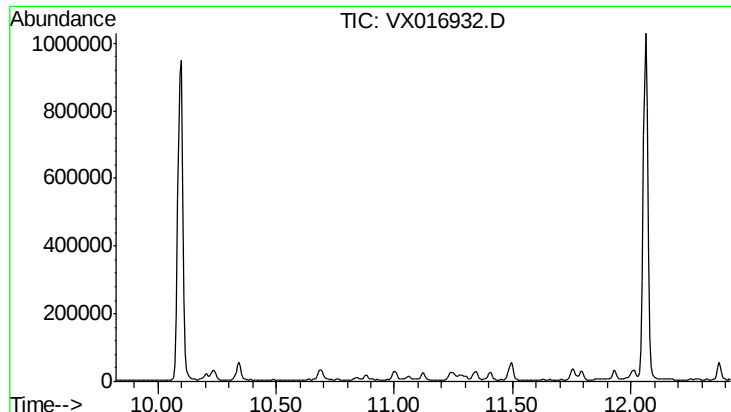
109 82.1 73.8 110.8



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

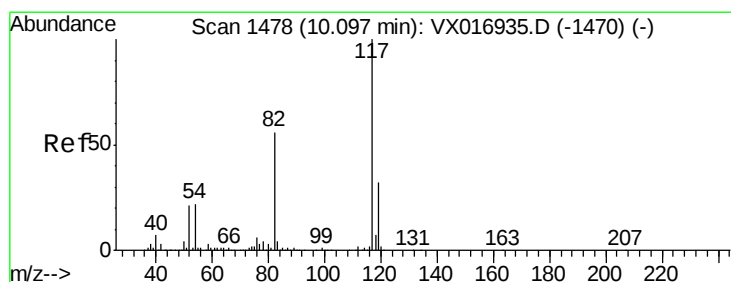
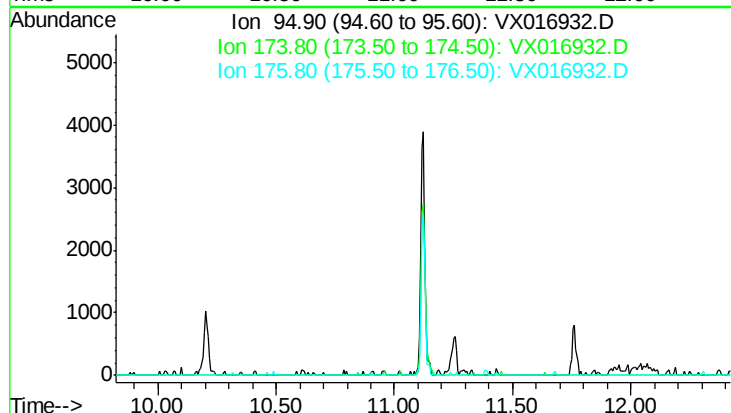
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	69.0
176	67.7

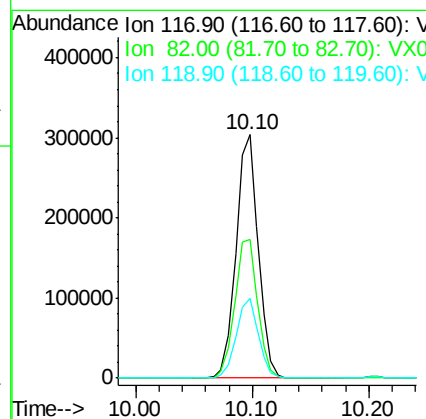
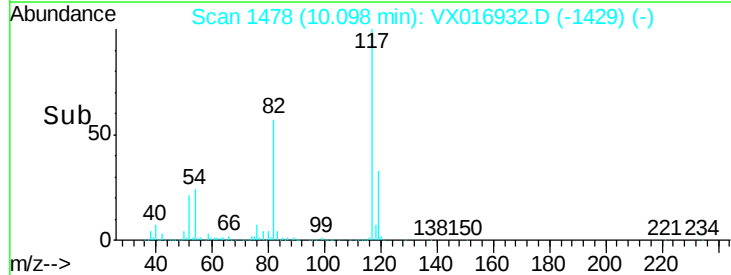
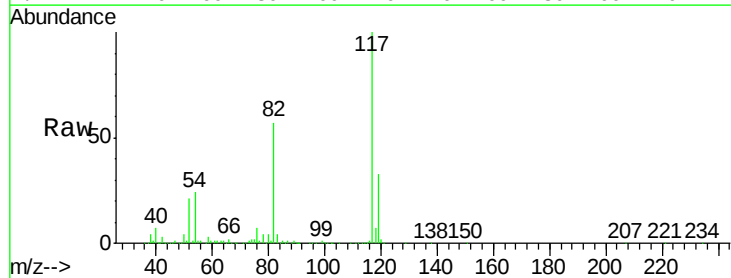
Manual Integrations
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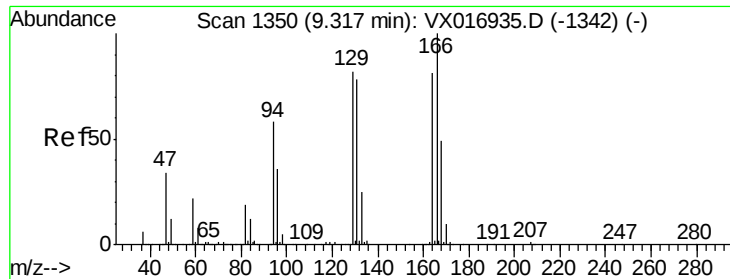
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	117	Resp	402644
Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.7	67.1
119	32.7	25.4	38.0





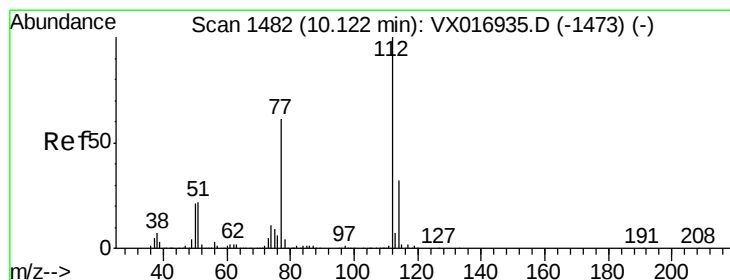
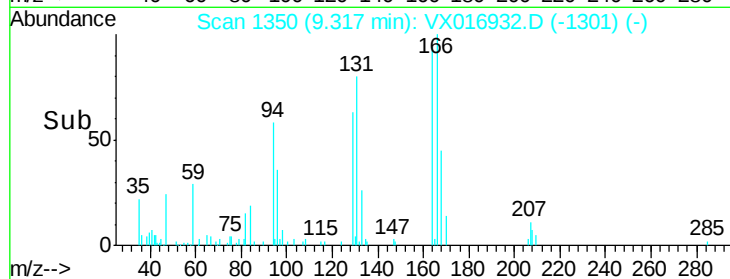
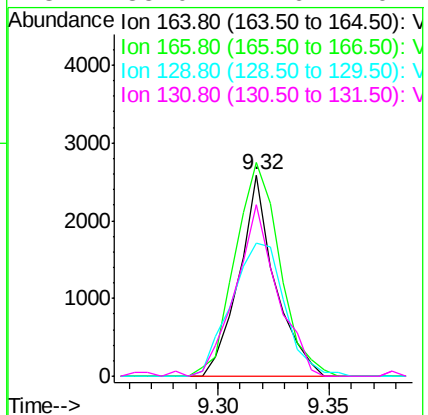
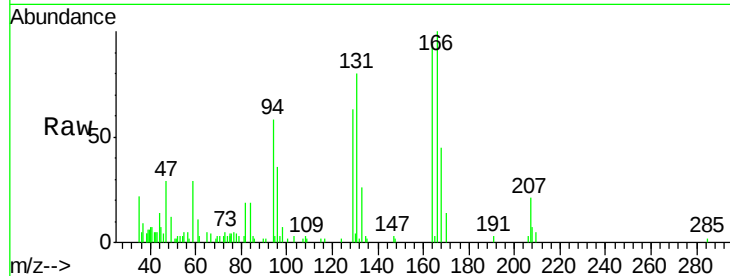
#64
Tetrachloroethene
Concen: 1.043 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	106.2	99.3	148.9
129	66.4	81.4	122.0
131	85.0	77.6	116.4

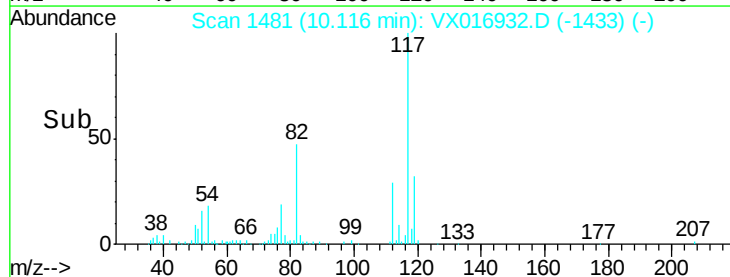
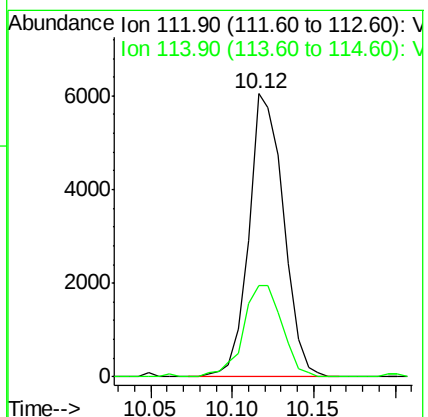
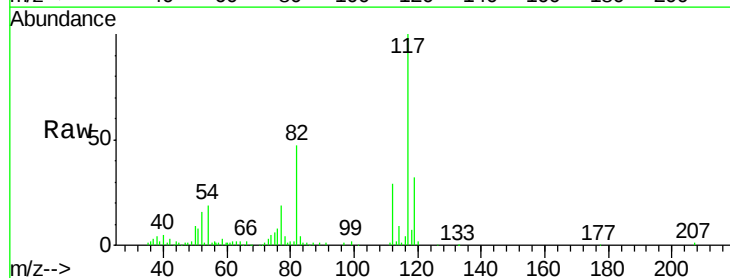
Manual Integrations
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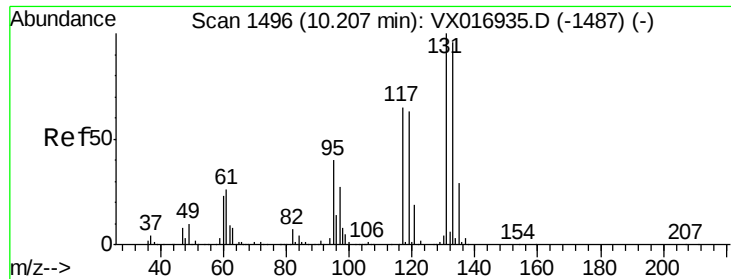
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#65
Chlorobenzene
Concen: 1.075 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.5	38.3





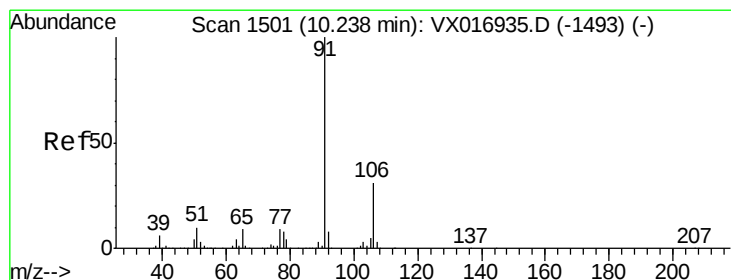
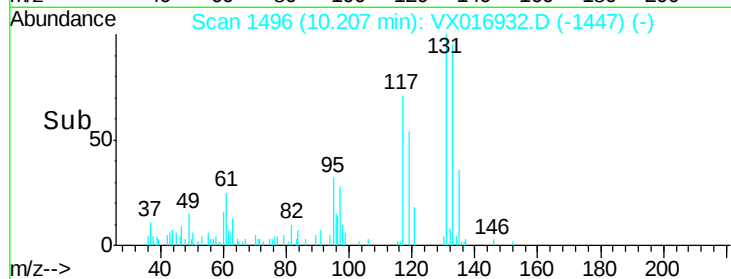
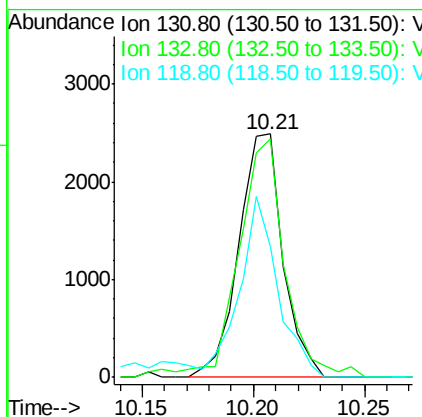
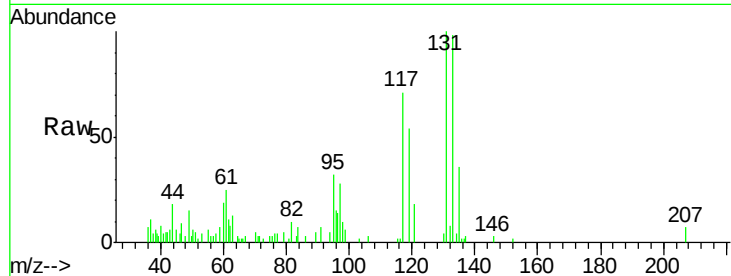
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.087 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	103.5	48.3	144.9
119	0.0	32.7	98.1#

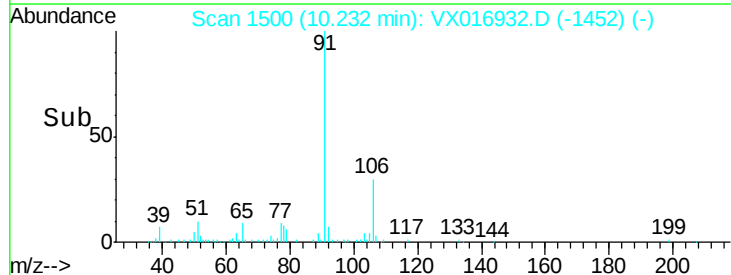
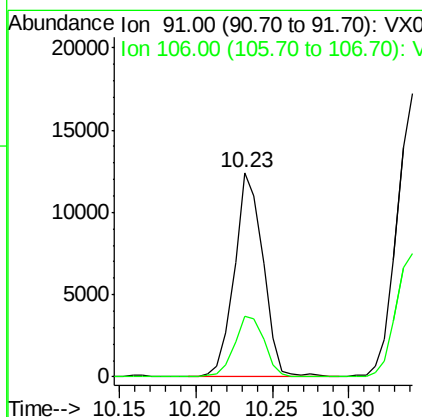
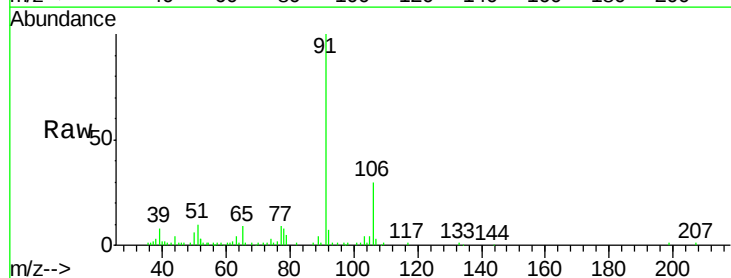
Manual Integrations
 APPROVED

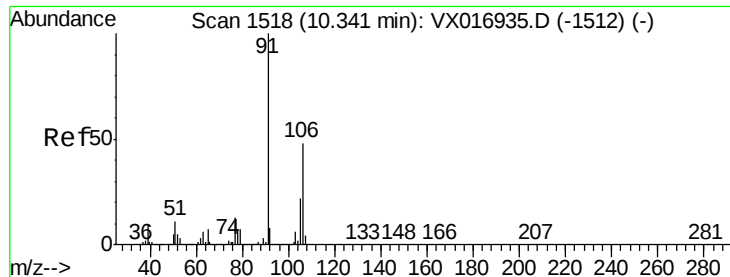
MMDadoda
 6/24/2020 10:54:29 AM



#67
 Ethyl Benzene
 Concen: 1.115 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.9	37.3





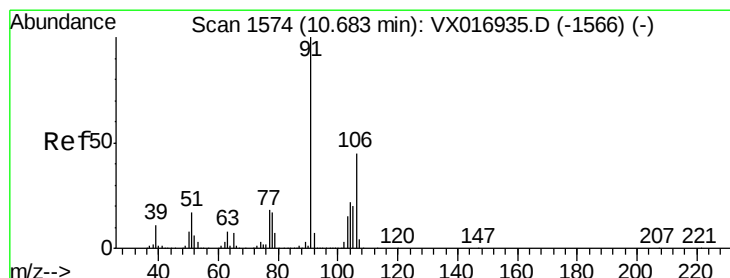
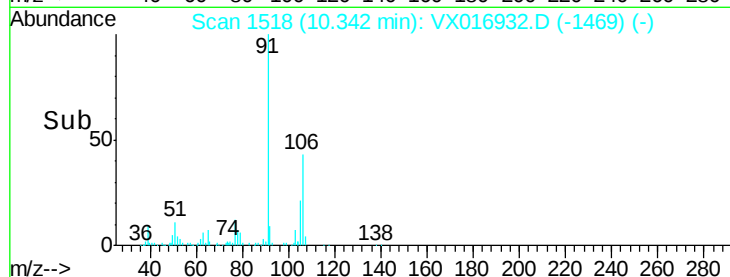
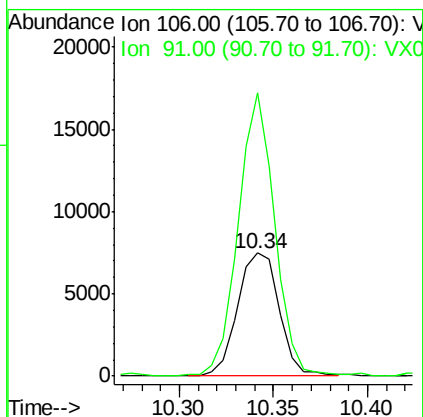
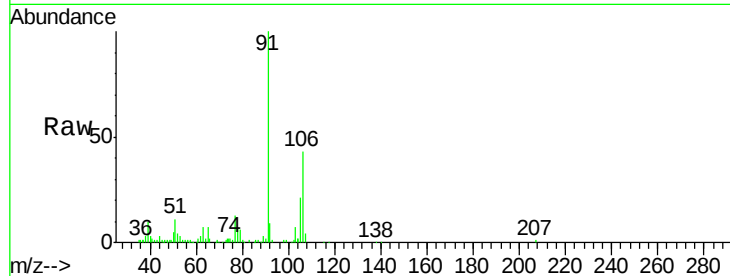
#68
m/p-Xylenes
Concen: 2.130 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	202.3	166.2	249.2

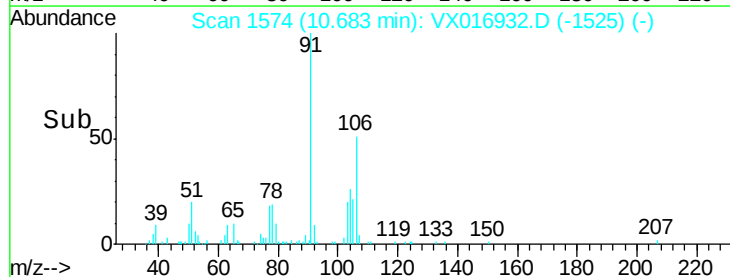
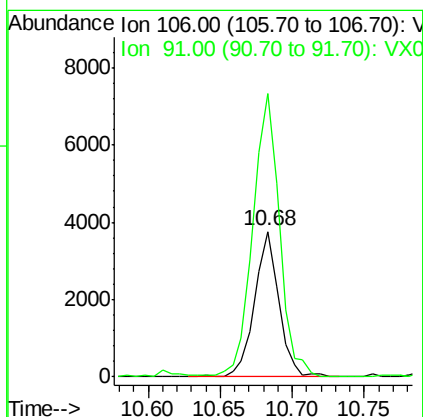
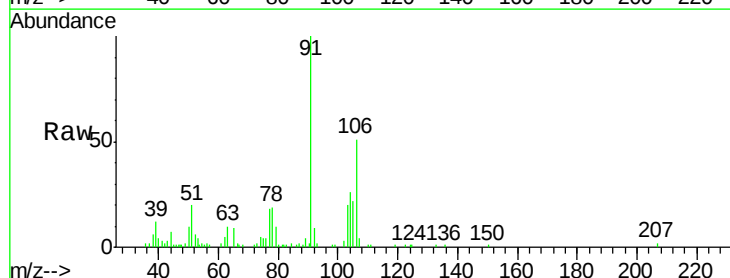
Manual Integrations
APPROVED

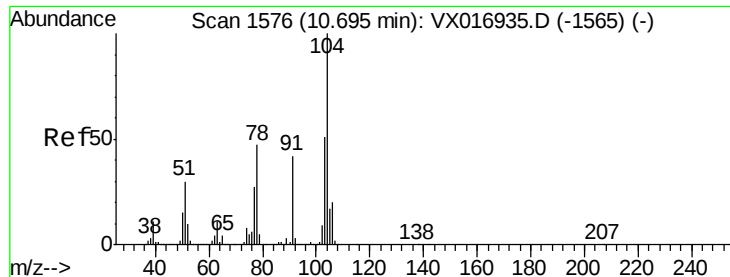
MMDadoda
6/24/2020 10:54:29 AM



#69
o-Xylene
Concen: 0.833 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	213.3	109.8	329.4





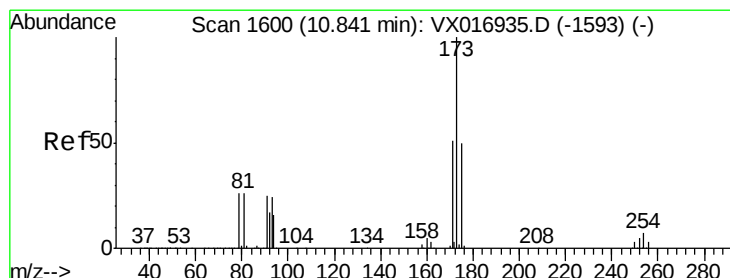
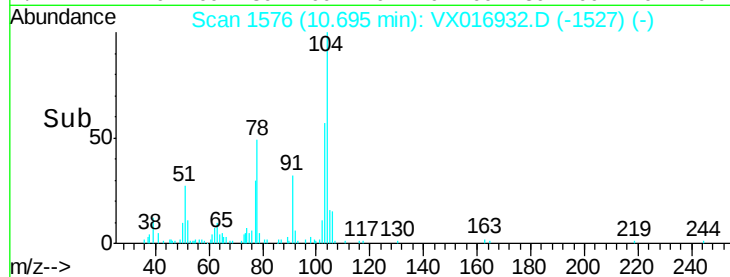
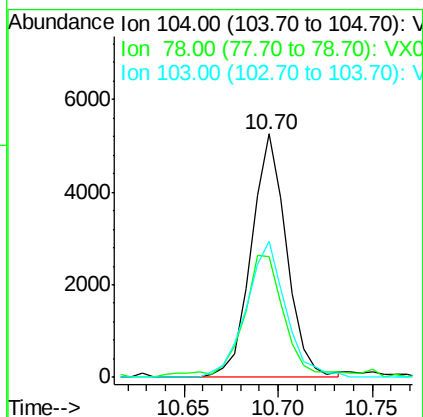
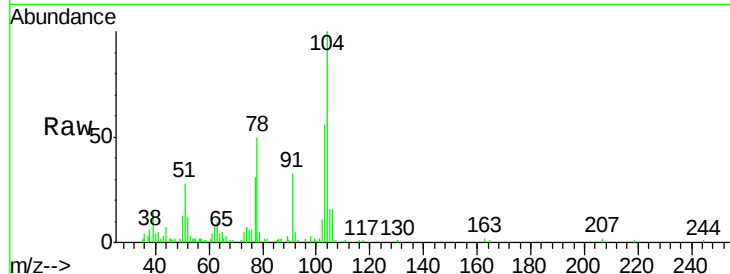
#70
Stvrene
Concen: 0.755 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	61.2	41.6	62.4
103	62.4	42.7	64.1

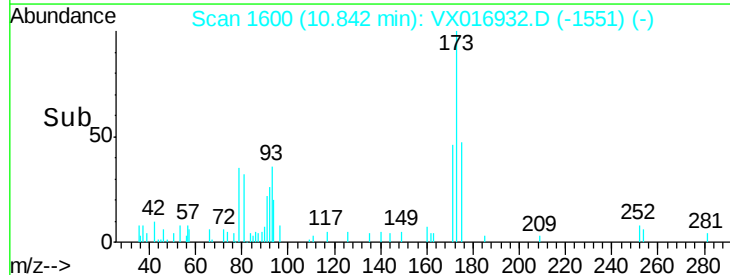
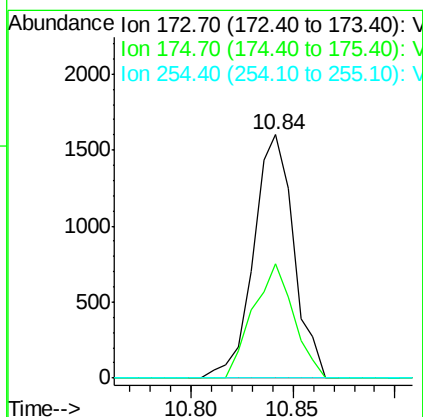
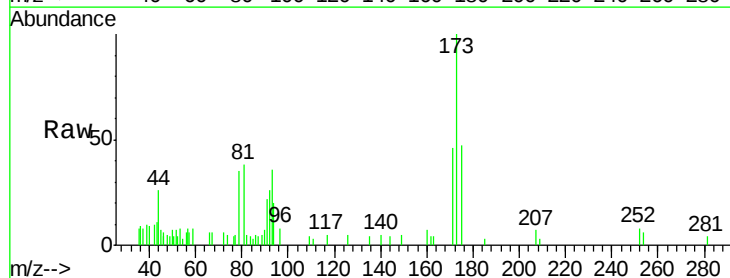
Manual Integrations
APPROVED

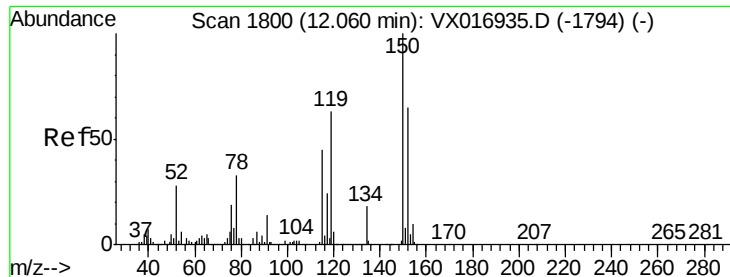
MMDadoda
6/24/2020 10:54:29 AM



#71
Bromoform
Concen: 0.920 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.3	72.9
254	0.0	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: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

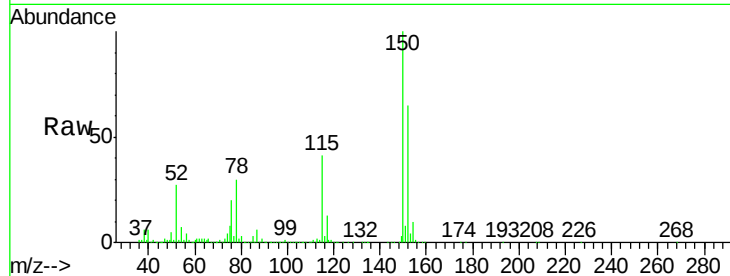
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.4	43.1	129.4
150	158.5	0.0	346.0

Manual Integrations
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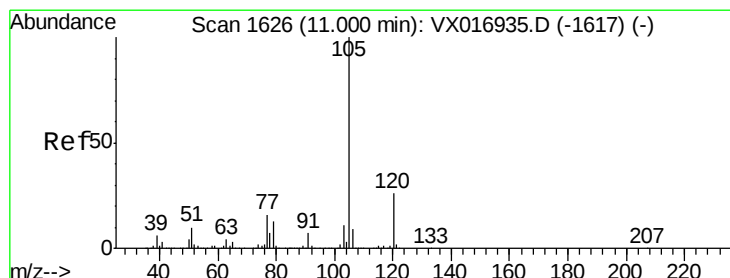
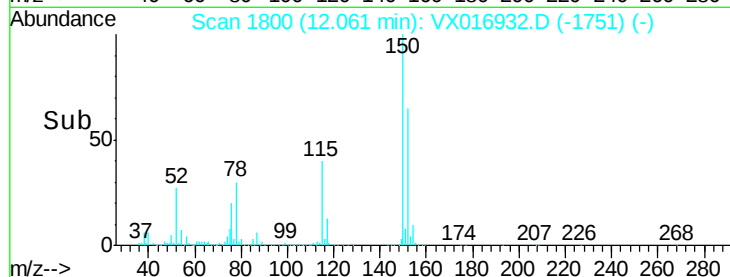
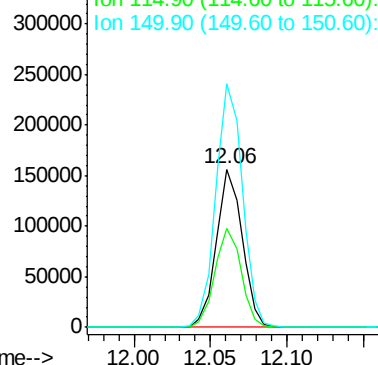


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.813 ug/l

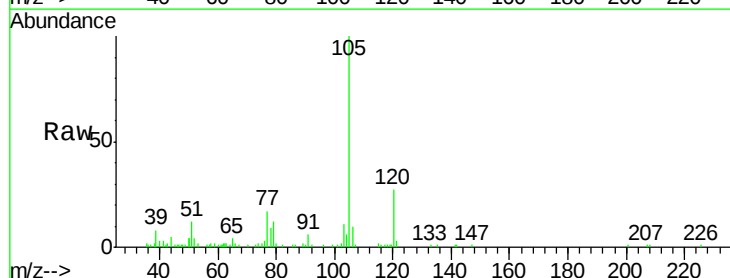
RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

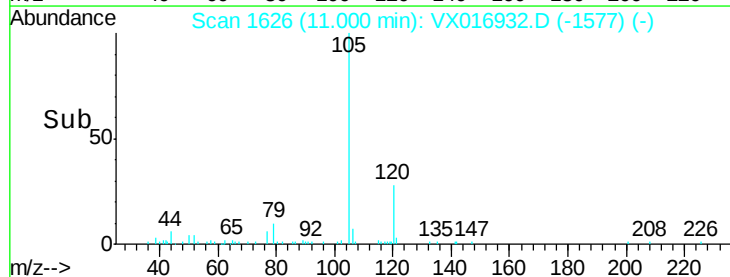
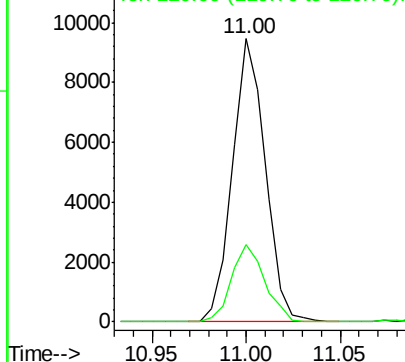
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.1	39.3

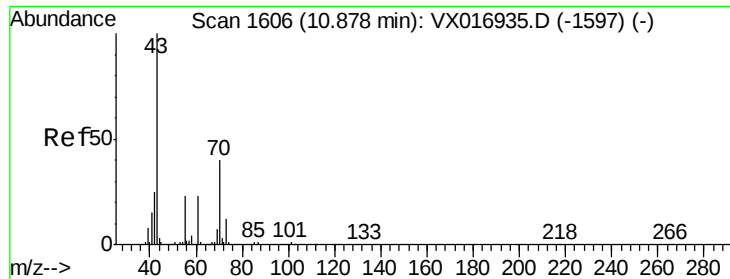


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.936 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

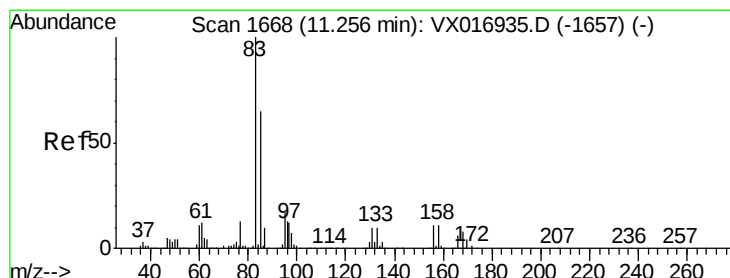
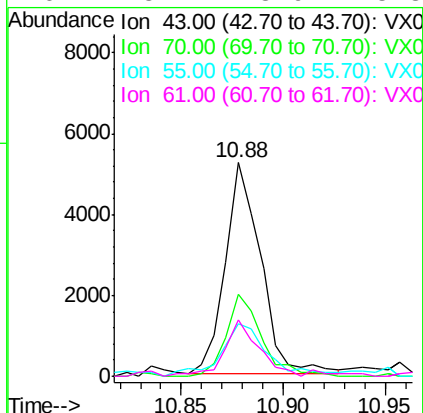
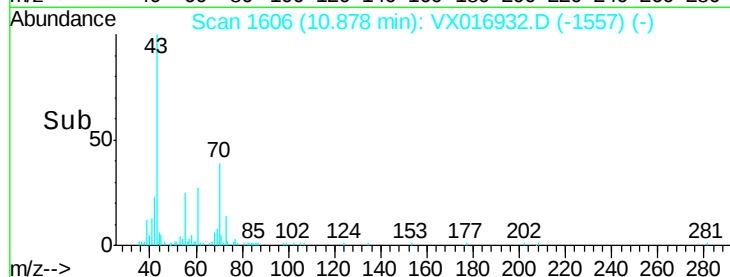
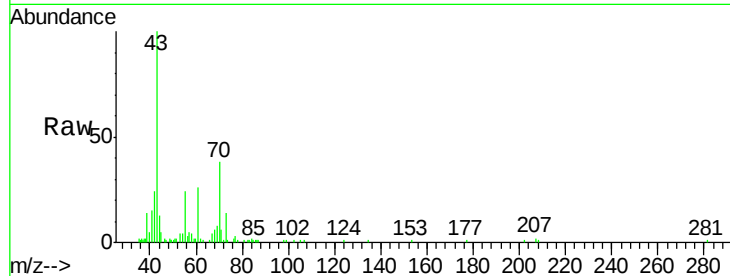
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	38.2	32.6	49.0
55	32.5	18.8	28.2
61	25.2	18.9	28.3

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.038 ug/l

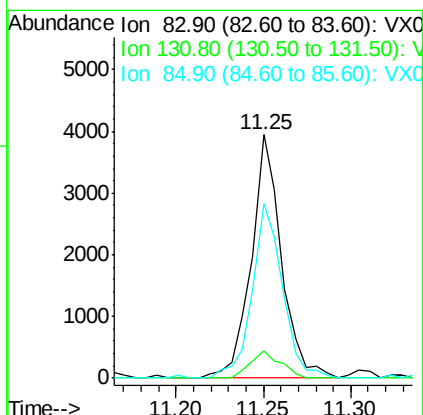
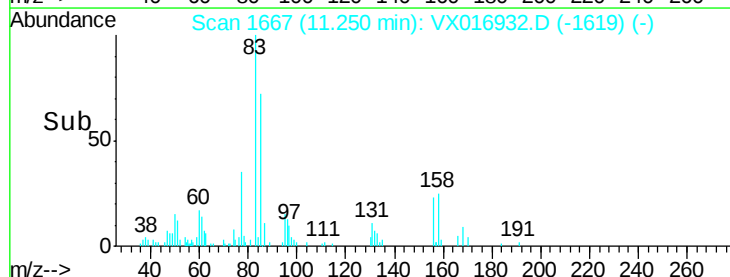
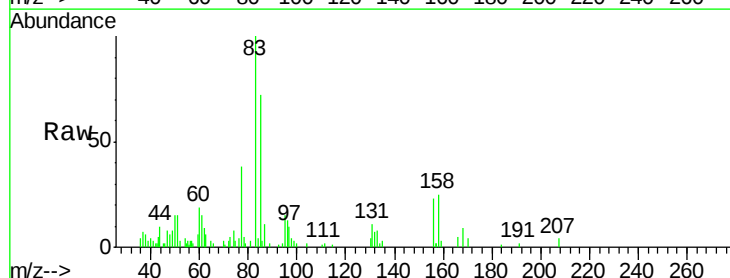
RT: 11.25 min Scan# 1667

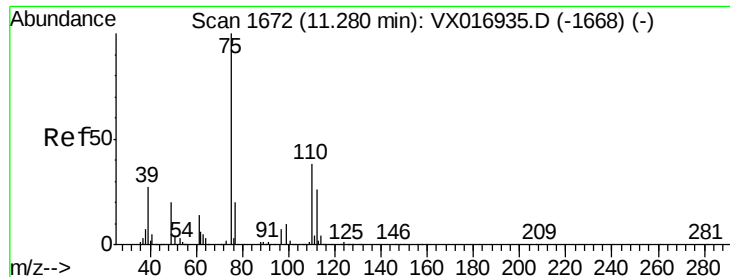
Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.1	15.2
85	72.4	32.3	96.8





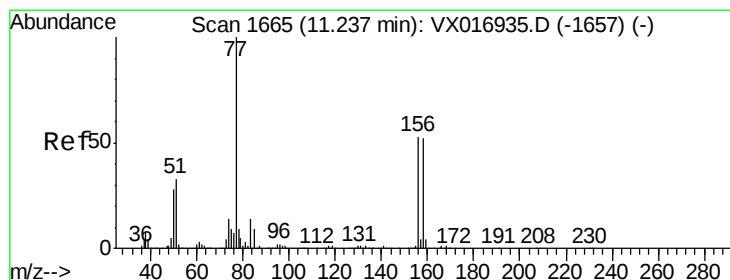
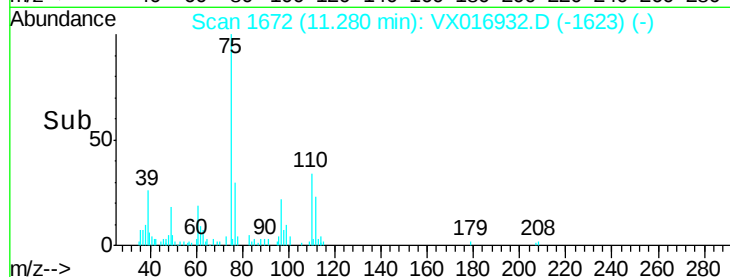
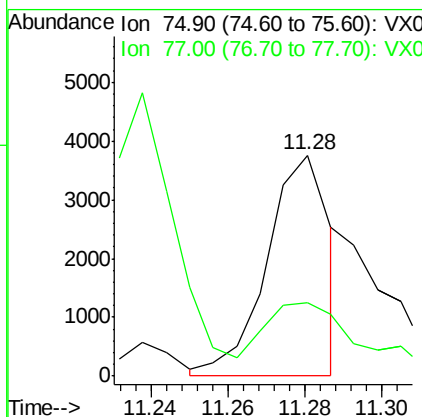
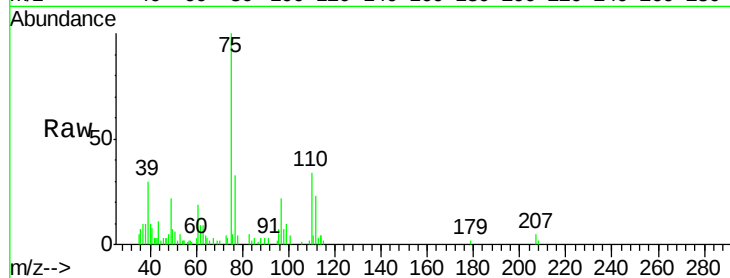
#76
1,2,3-Trichloropropane
Concen: 0.963 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 4275
Ion Ratio Lower Upper
75 100
77 52.6 20.1 60.3

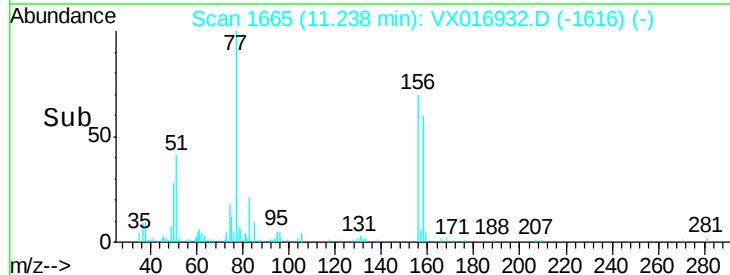
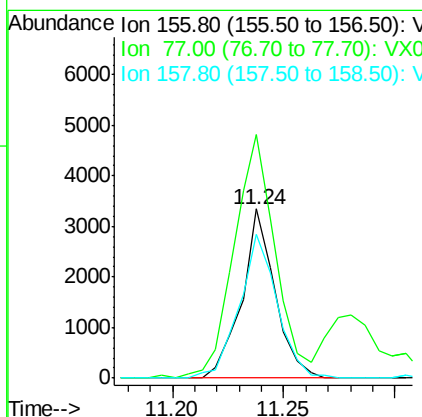
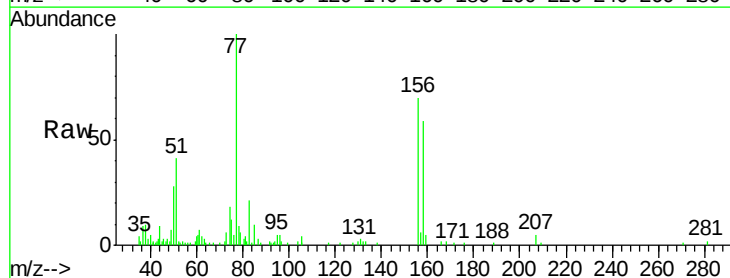
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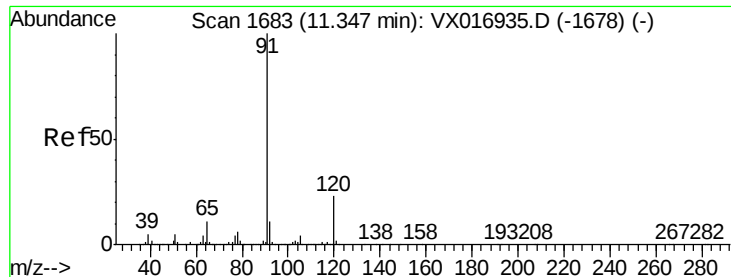
MMDadoda
6/24/2020 10:54:29 AM



#77
Bromobenzene
Concen: 1.015 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion: 156 Resp: 3476
Ion Ratio Lower Upper
156 100
77 178.5 91.0 273.1
158 96.5 48.4 145.3





#78

n-propylbenzene

Concen: 0.898 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 14239

Ion Ratio Lower Upper

91 100

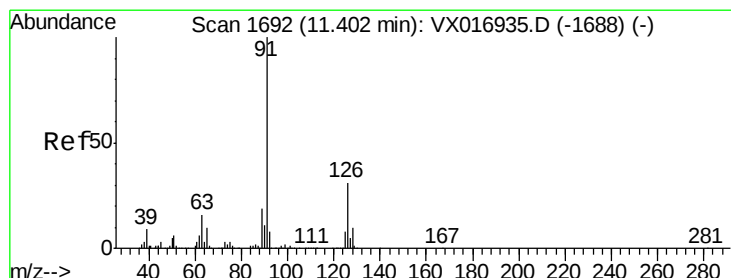
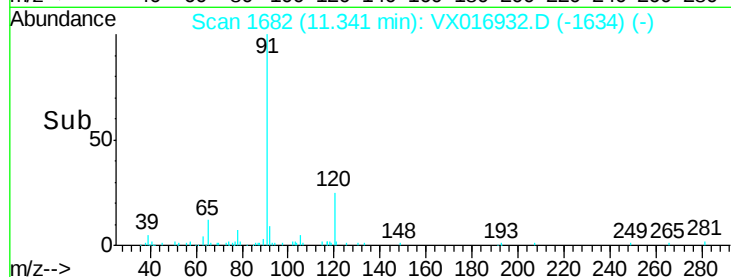
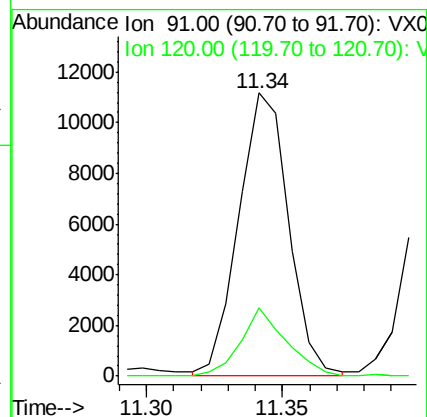
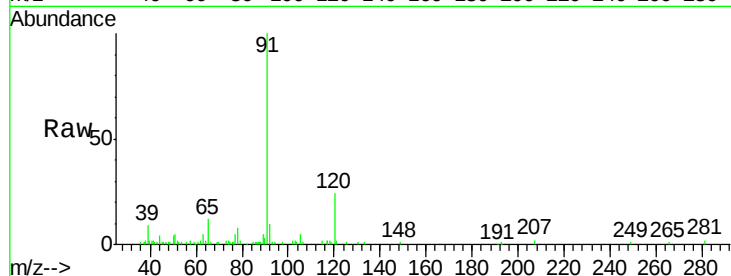
120 22.1 11.2 33.6

Manual Integrations

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#79

2-Chlorotoluene

Concen: 1.037 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016932.D

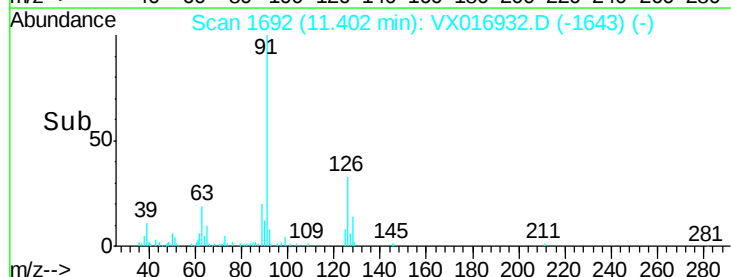
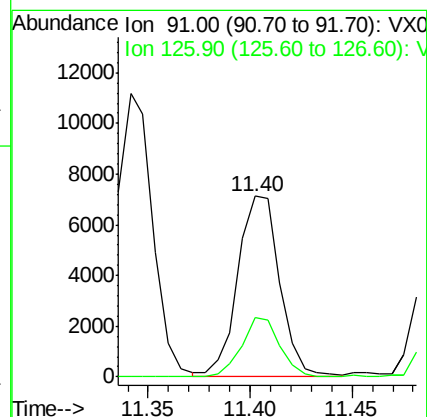
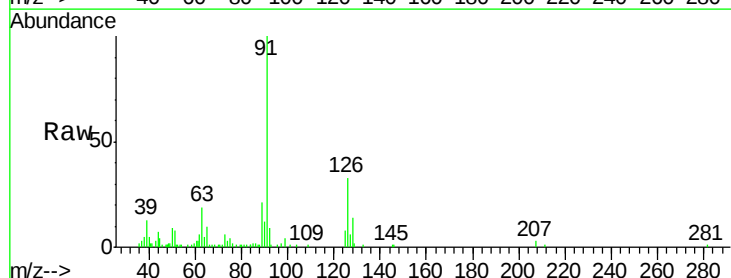
Acq: 23 Jun 2020 16:08

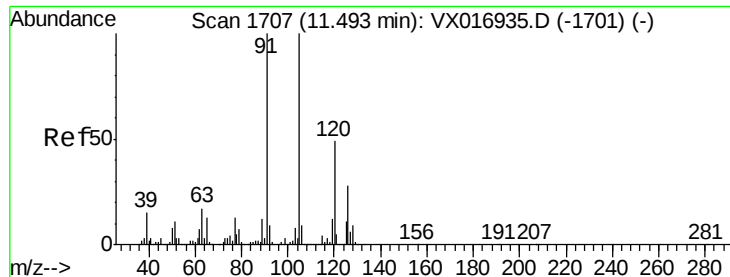
Tgt Ion: 91 Resp: 10177

Ion Ratio Lower Upper

91 100

126 29.8 16.2 48.6





#80

1,3,5-Trimethylbenzene

Concen: 1.018 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 11516

Ion Ratio Lower Upper

105 100

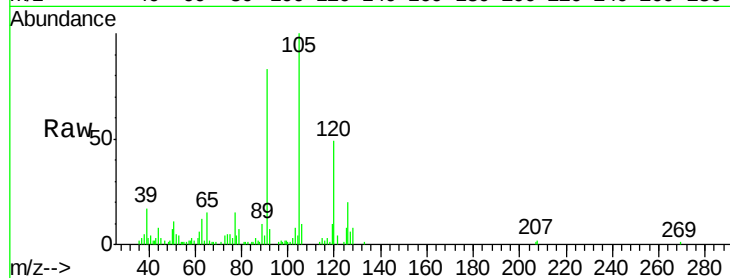
120 49.0 24.2 72.6

Manual Integrations

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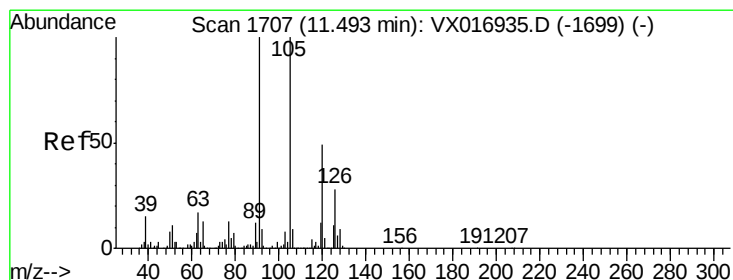
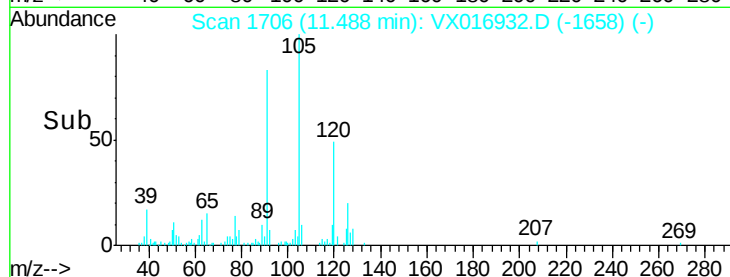
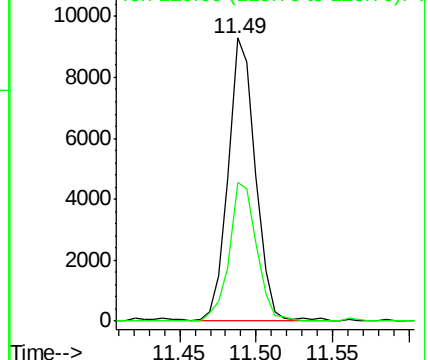
MMDadoda

6/24/2020 10:54:29 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 1.132 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016932.D

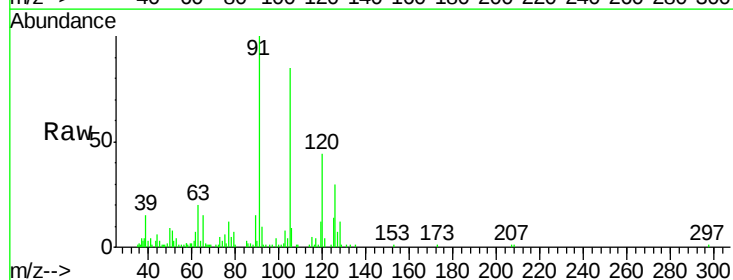
Acq: 23 Jun 2020 16:08

Tgt Ion: 91 Resp: 13078

Ion Ratio Lower Upper

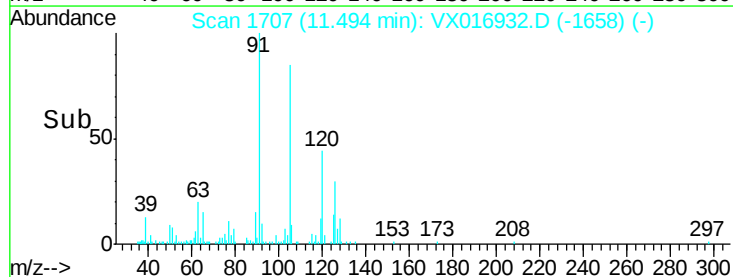
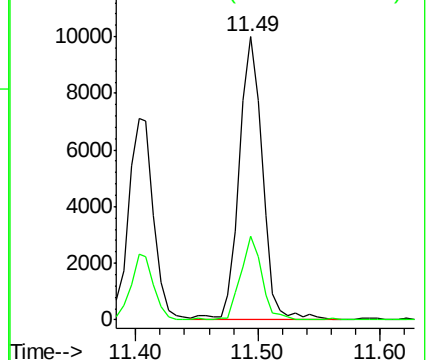
91 100

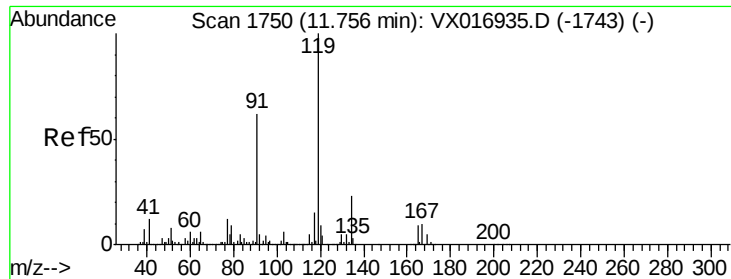
126 27.0 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





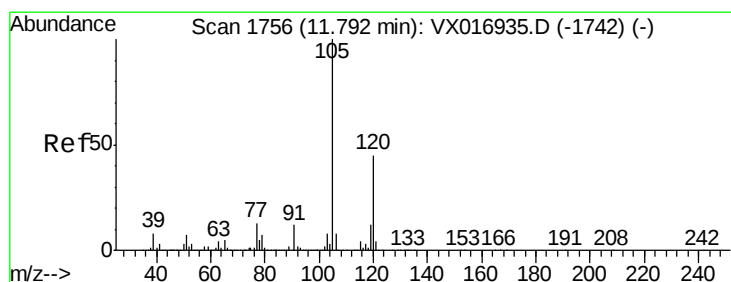
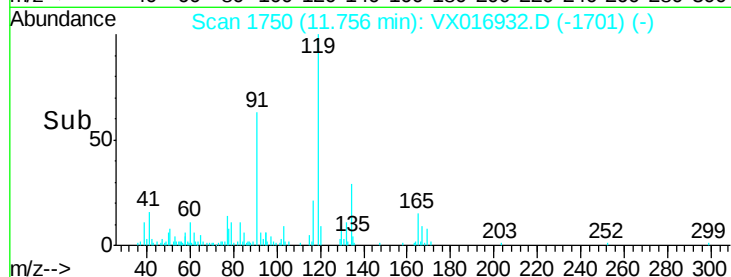
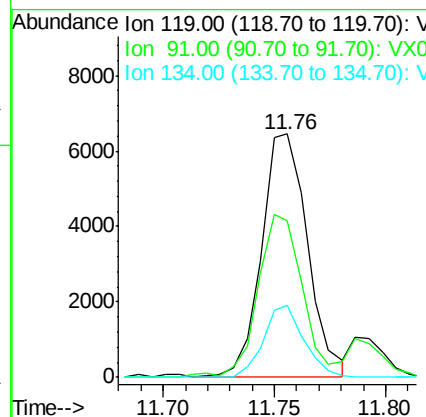
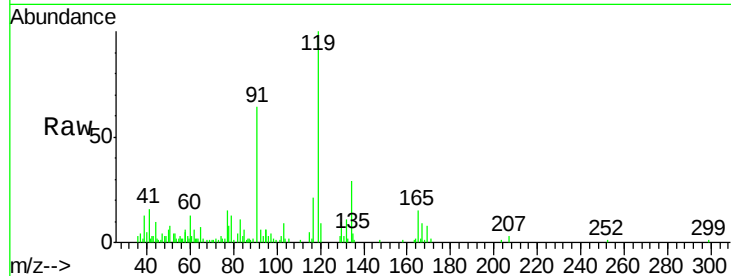
#83
tert-Butylbenzene
Concen: 0.812 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	30.3	90.9
134	25.9	11.4	34.2

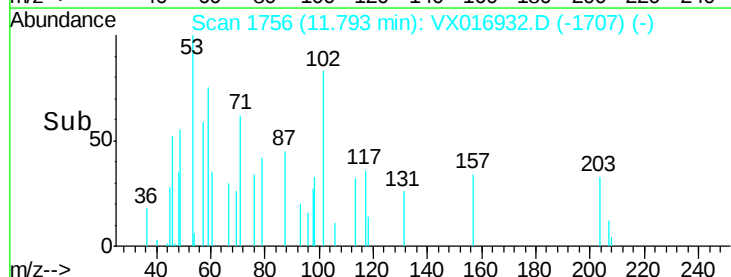
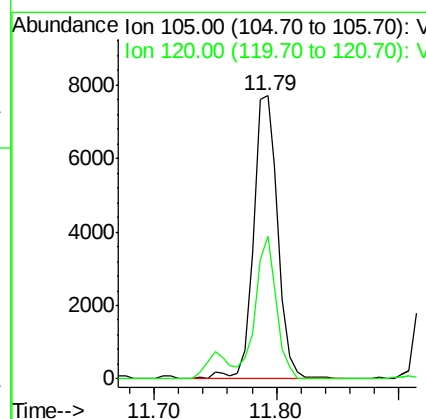
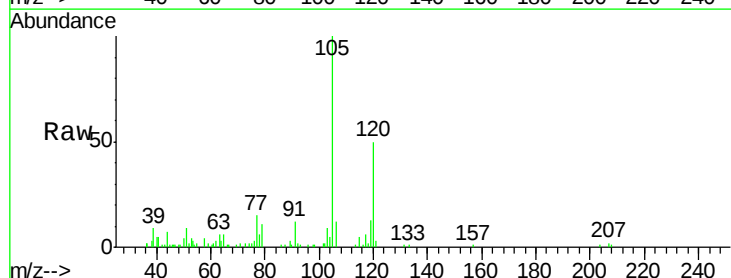
Manual Integrations
APPROVED

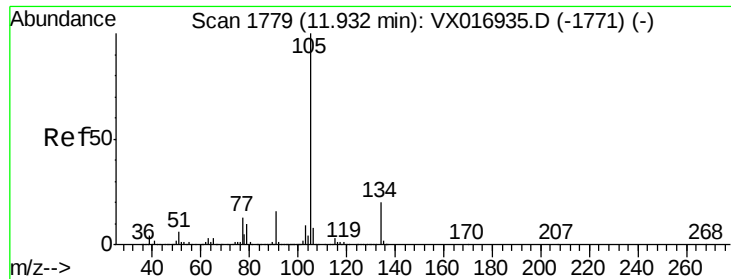
MMDadoda
6/24/2020 10:54:29 AM



#84
1,2,4-Trimethylbenzene
Concen: 0.926 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.4	67.0





#85

sec-Butylbenzene

Concen: 0.979 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 12496

Ion Ratio Lower Upper

105 100

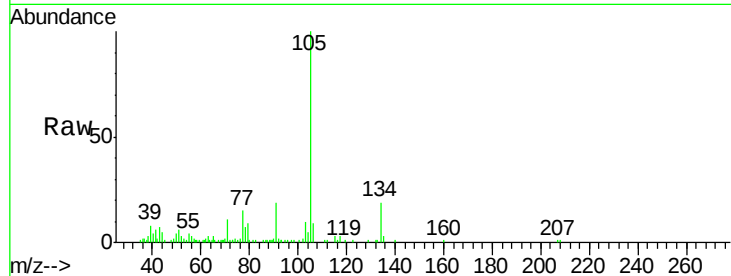
134 19.3 9.8 29.3

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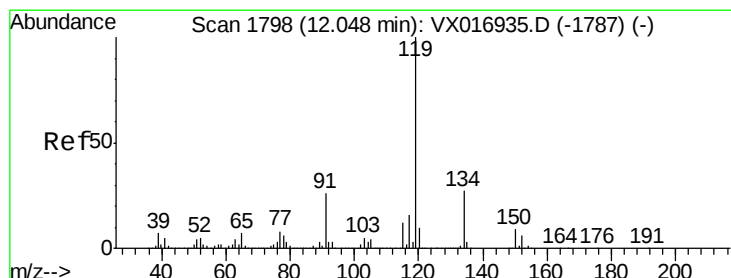
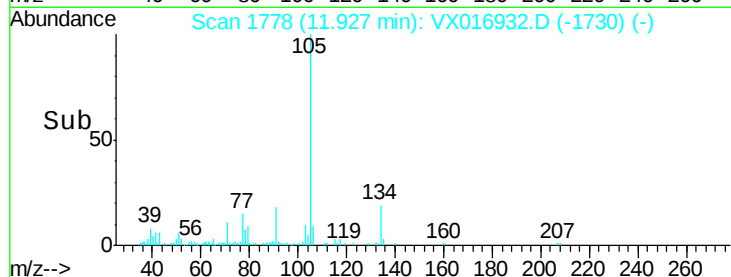
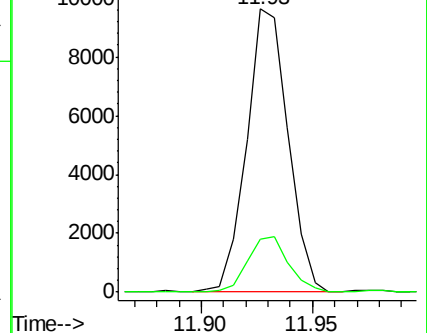
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.957 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

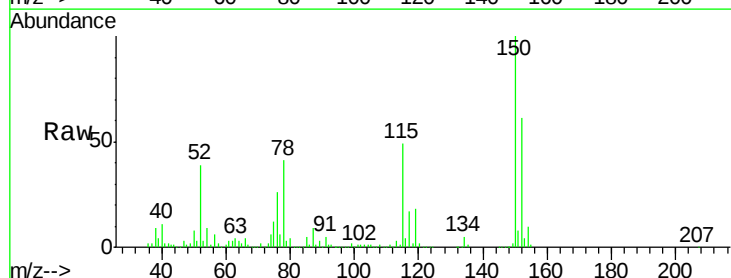
Tgt Ion:119 Resp: 11415

Ion Ratio Lower Upper

119 100

134 30.2 12.9 38.7

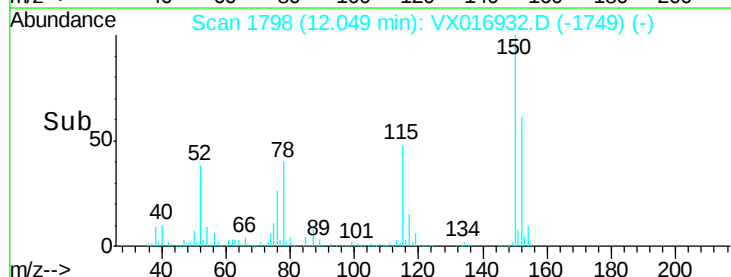
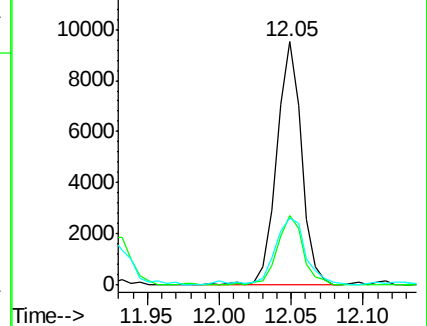
91 34.0 12.6 37.8

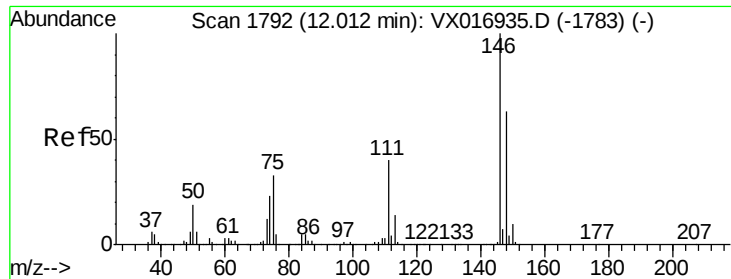


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





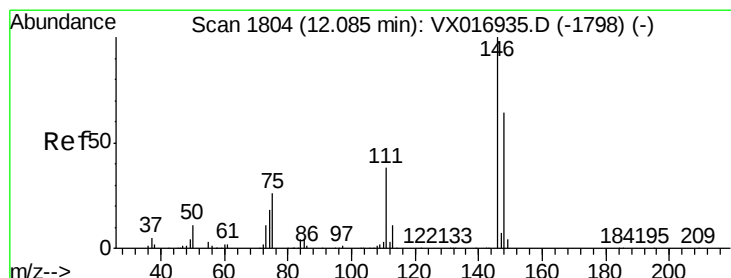
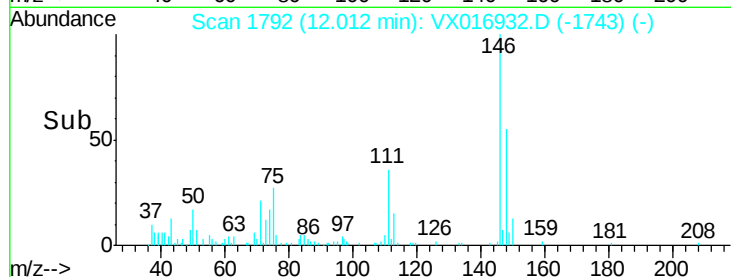
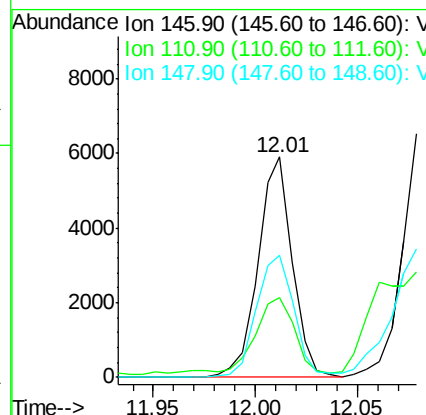
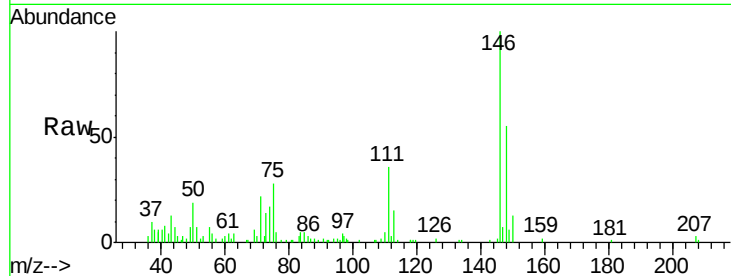
#87
 1,3-Dichlorobenzene
 Concen: 1.149 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.8	20.8	62.5
148	61.0	32.3	96.9

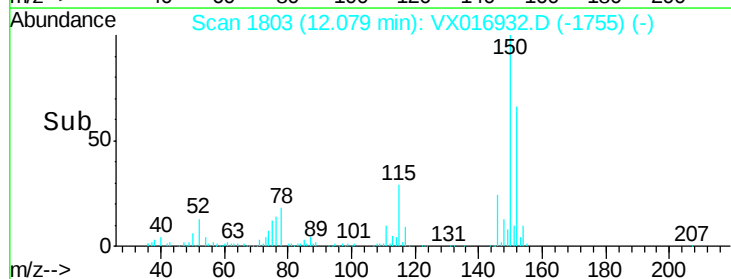
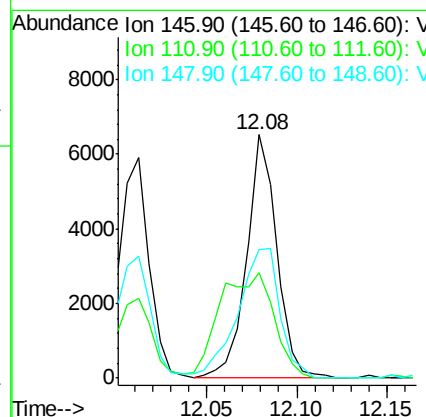
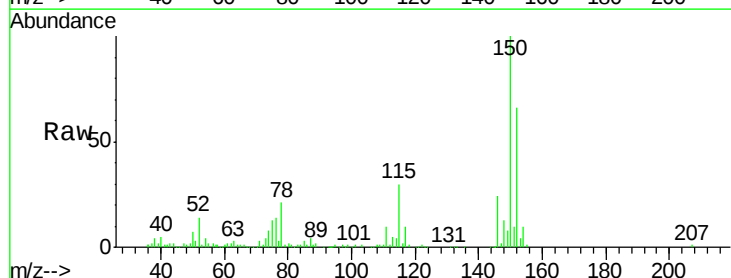
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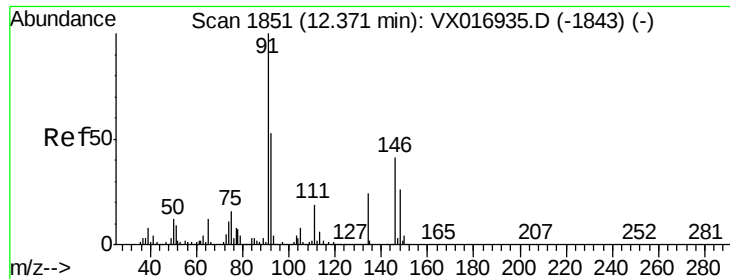
MMDadoda
 6/24/2020 10:54:29 AM



#88
 1,4-Dichlorobenzene
 Concen: 1.238 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.0	20.3	61.0
148	55.2	31.8	95.3





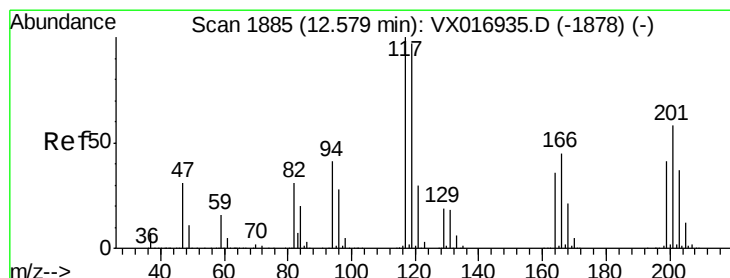
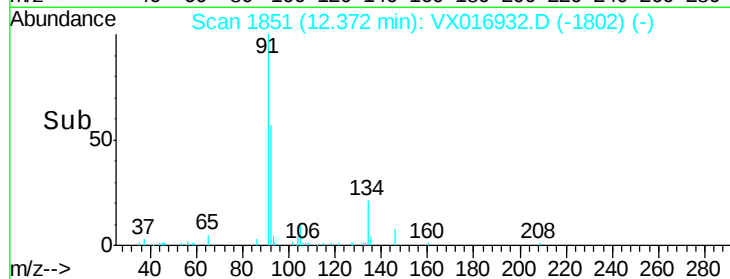
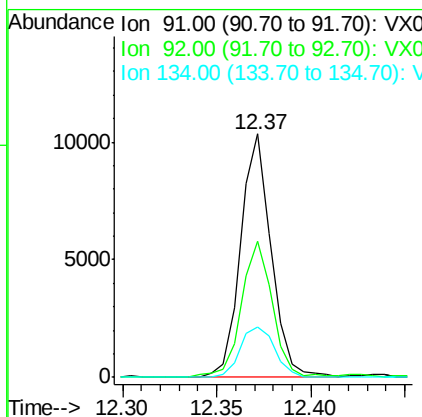
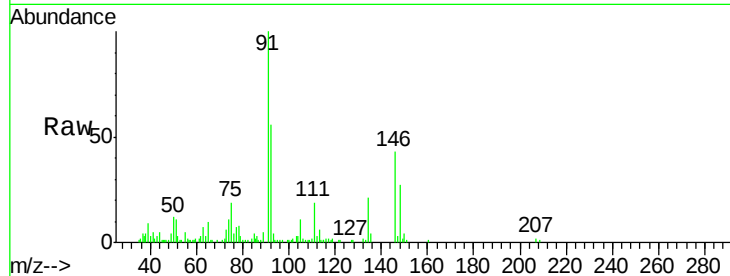
#89
n-Butylbenzene
Concen: 1.044 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.8	26.8	80.3
134	23.4	12.3	36.8

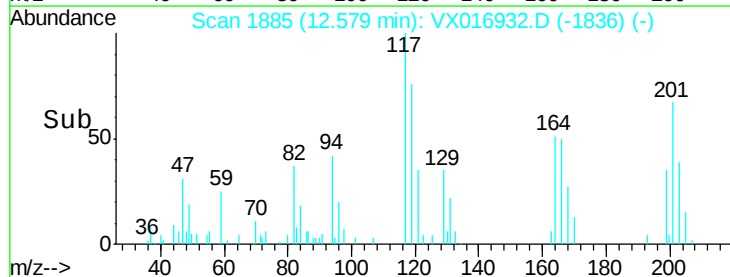
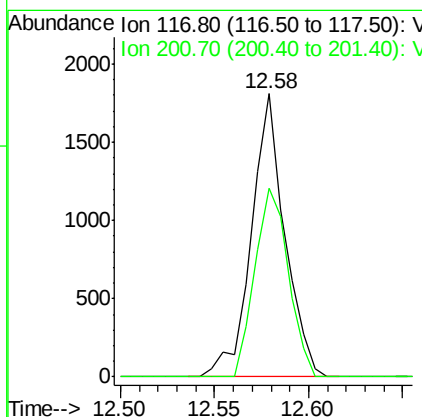
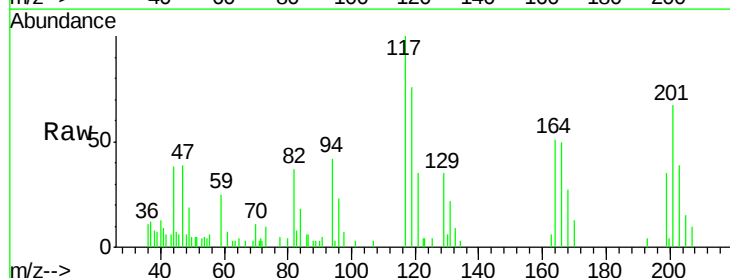
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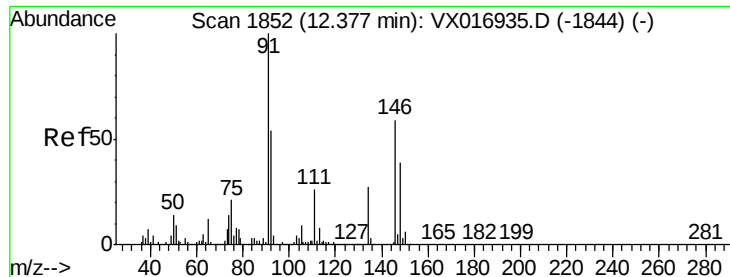
MMDadoda
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#90
Hexachloroethane
Concen: 0.982 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016932.D
Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.7	31.1	93.5





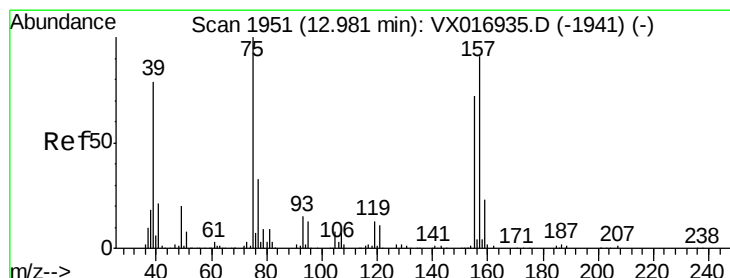
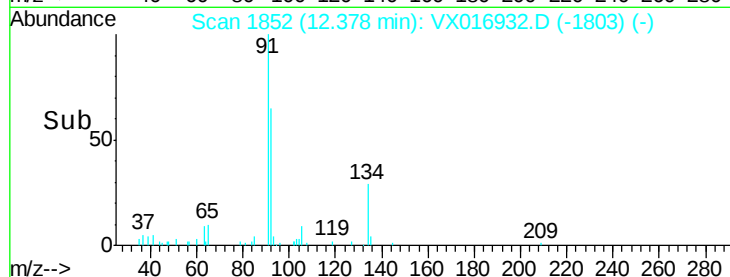
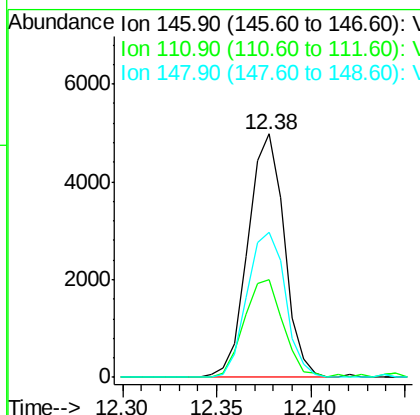
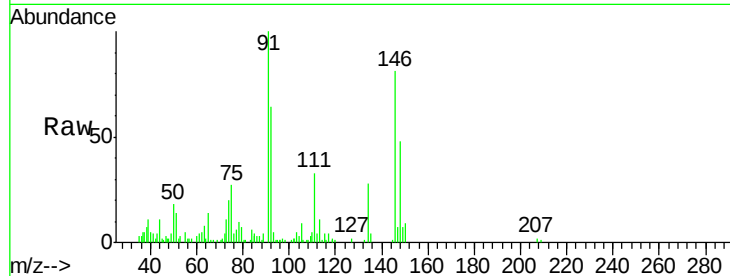
#91
 1,2-Dichlorobenzene
 Concen: 1.160 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.0	66.0
148	62.7	32.1	96.5

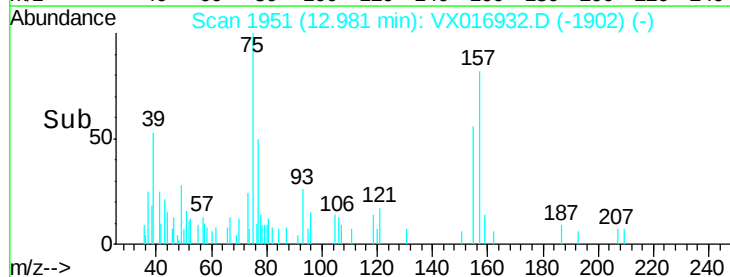
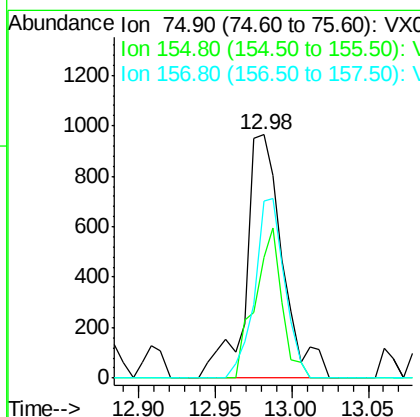
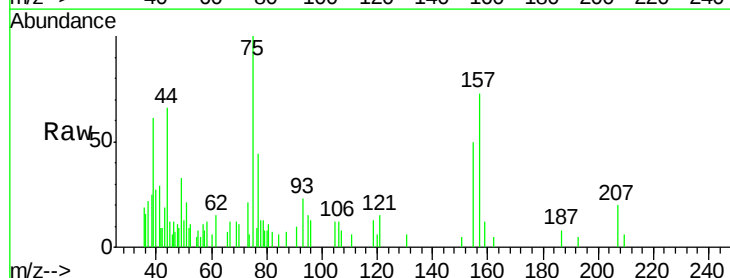
Manual Integrations
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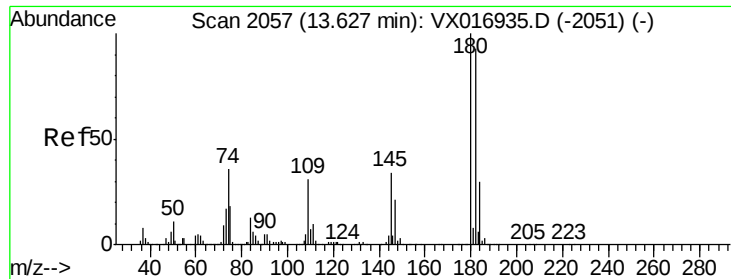
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.397 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	45.5	36.1	108.5
157	60.3	46.6	139.8





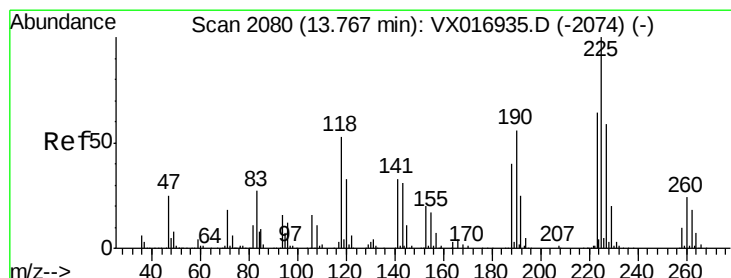
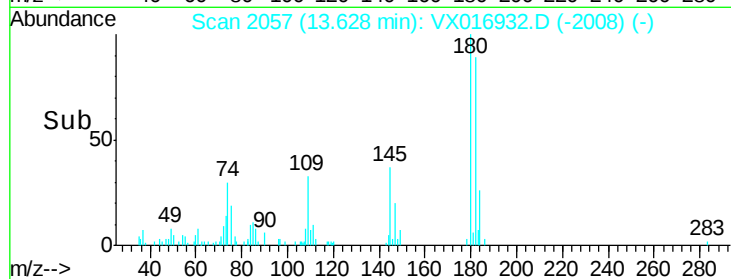
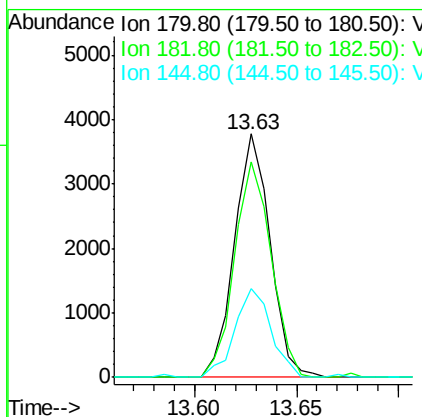
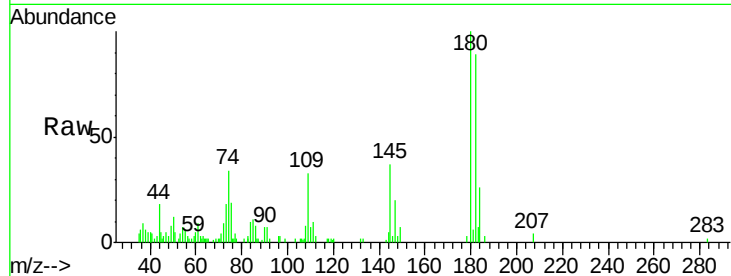
#93
 1,2,4-Trichlorobenzene
 Concen: 1.214 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.0	47.3	142.0
145	37.2	16.4	49.2

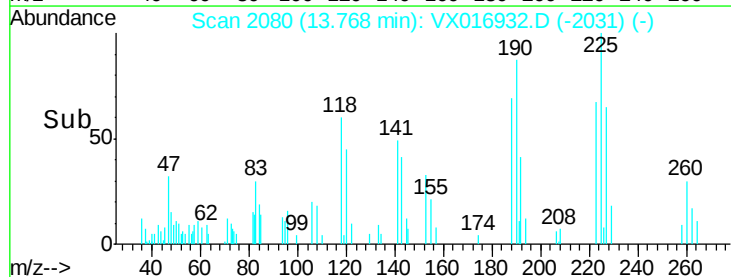
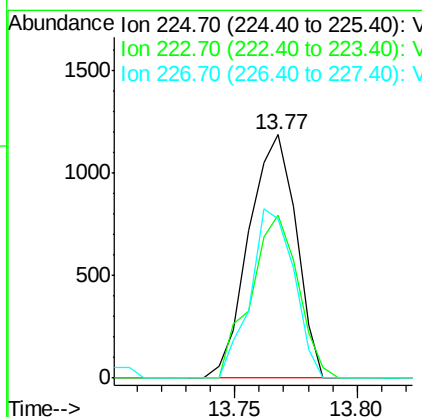
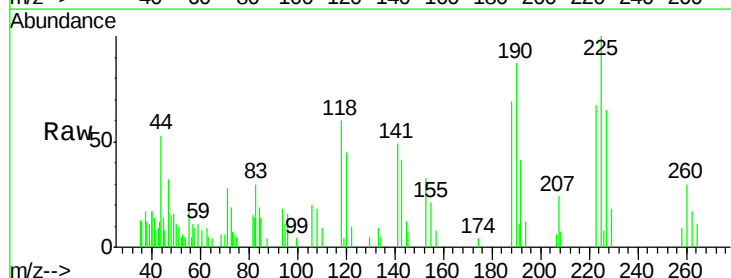
Manual Integrations
 APPROVED

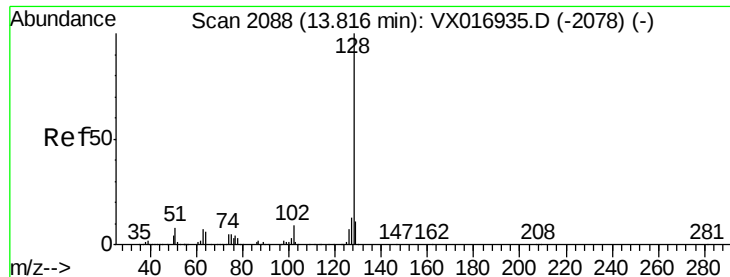
MMDadoda
 6/24/2020 10:54:29 AM



#94
 Hexachlorobutadiene
 Concen: 1.159 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016932.D
 Acq: 23 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.3	32.5	97.4
227	63.9	29.3	88.0





#95

Naphthalene

Concen: 0.997 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Instrument :

MSVOA_X

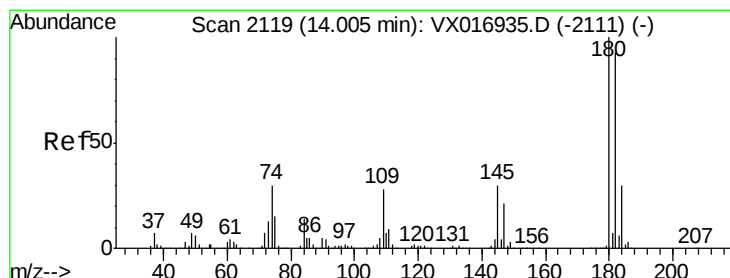
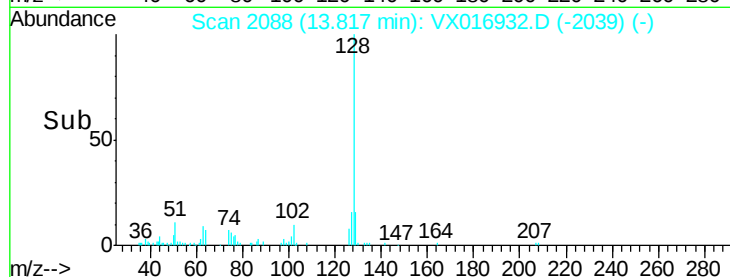
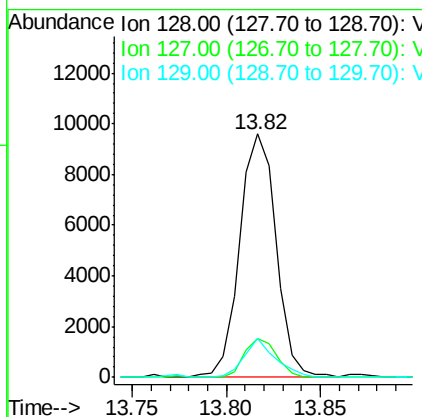
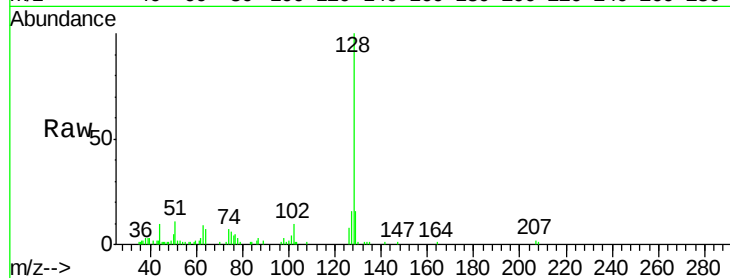
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	12903
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	13.7	8.7	13.1#

Manual Integrations
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6/24/2020 10:54:29 AM



#96

1,2,3-Trichlorobenzene

Concen: 1.194 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016932.D

Acq: 23 Jun 2020 16:08

Tgt Ion:	180	Resp:	4382
Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.4	142.3
145	38.5	17.1	51.3

