

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016086.D
 Acq On : 07 May 2020 11:34
 Operator : JC/SP
 Sample : VX0507WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:26 AM

Quant Time: May 08 03:46:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187926	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	5.46	113	142599	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.70	98	567162	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.12	95	215464	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	61862	19.405	ug/l	99
3) Chloromethane	1.31	50	67803	18.314	ug/l	100
4) Vinyl Chloride	1.39	62	70680	17.894	ug/l	99
5) Bromomethane	1.63	94	46032	23.116	ug/l	99
6) Chloroethane	1.71	64	44426	18.485	ug/l	99
7) Trichlorofluoromethane	1.92	101	93707	18.070	ug/l	99
8) Diethyl Ether	2.17	74	39500	18.078	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	56896	19.017	ug/l	98
10) Methyl Iodide	2.49	142	69395	17.268	ug/l	99
11) Tert butyl alcohol	3.01	59	91869	91.665	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55992	17.884	ug/l	91
13) Acrolein	2.27	56	48410	77.189	ug/l	99
14) Allyl chloride	2.70	41	106105	18.483	ug/l	98
15) Acrylonitrile	3.11	53	193546	93.090	ug/l	99
16) Acetone	2.42	43	162668	91.986	ug/l	100
17) Carbon Disulfide	2.55	76	172741	18.241	ug/l	97
18) Methyl Acetate	2.75	43	85277	19.613	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	209385	19.400	ug/l	99
20) Methylene Chloride	2.83	84	66732	18.305	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	61483	17.622	ug/l	97
22) Diisopropyl ether	3.82	45	208974	19.296	ug/l	95
23) Vinyl Acetate	3.78	43	907196	95.212	ug/l	99
24) 1,1-Dichloroethane	3.67	63	113411	18.720	ug/l	100
25) 2-Butanone	4.63	43	268224	94.126	ug/l	100
26) 2,2-Dichloropropane	4.54	77	100258	18.121	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	71323	18.699	ug/l	99
28) Bromochloromethane	4.98	49	48754	17.648	ug/l	98
29) Tetrahydrofuran	5.09	42	175768	93.090	ug/l	99
30) Chloroform	5.17	83	114670	19.010	ug/l	100
31) Cyclohexane	5.54	56	104787	19.032	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	102798	18.748	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85808	18.508	ug/l	99
37) Ethyl Acetate	4.79	43	104033	19.360	ug/l	100
38) Carbon Tetrachloride	5.75	117	90461	19.196	ug/l	94

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Quant Time: May 08 03:46:27 2020
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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	106760	19.121	ug/l	99
40) Benzene	6.11	78	257267	18.965	ug/l	98
41) Methacrylonitrile	4.99	41	55892	19.260	ug/l	99
42) 1,2-Dichloroethane	6.16	62	93725	19.180	ug/l	99
43) Isopropyl Acetate	6.41	43	164651	19.204	ug/l	99
44) Trichloroethene	7.19	130	96215	19.965	ug/l	98
45) 1,2-Dichloropropane	7.49	63	66923	19.497	ug/l	98
46) Dibromomethane	7.63	93	44882	19.241	ug/l	99
47) Bromodichloromethane	7.87	83	91783	19.320	ug/l	99
48) Methyl methacrylate	7.74	41	76694	18.878	ug/l	98
49) 1,4-Dioxane	7.71	88	36441	374.002	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	511605	97.512	ug/l	100
52) Toluene	8.76	92	163698	19.360	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	107331	18.948	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	113098	19.116	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	65557	19.706	ug/l	99
56) Ethyl methacrylate	9.16	69	104570	19.257	ug/l	99
57) 1,3-Dichloropropane	9.35	76	114097	19.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	257811	89.179	ug/l	100
59) 2-Hexanone	9.47	43	393855	95.589	ug/l	99
60) Dibromochloromethane	9.57	129	70744	19.308	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70687	19.617	ug/l	100
64) Tetrachloroethene	9.32	164	105617	19.924	ug/l	98
65) Chlorobenzene	10.12	112	173768	19.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	64468	19.291	ug/l	99
67) Ethyl Benzene	10.23	91	308438	19.119	ug/l	98
68) m/p-Xylenes	10.34	106	235145	38.905	ug/l	100
69) o-Xylene	10.68	106	111711	19.228	ug/l	100
70) Styrene	10.70	104	189812	19.258	ug/l	100
71) Bromoform	10.84	173	53203	19.541	ug/l	99
73) Isopropylbenzene	11.00	105	298932	18.685	ug/l	100
74) N-amyl acetate	10.88	43	137050	18.365	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	48997	17.972	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	96015m	19.236	ug/l	
77) Bromobenzene	11.24	156	76265	18.468	ug/l	99
78) n-propylbenzene	11.34	91	344107	18.489	ug/l	99
79) 2-Chlorotoluene	11.40	91	204624	18.626	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	255843	18.940	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38863	18.555	ug/l	99
82) 4-Chlorotoluene	11.49	91	241104	18.585	ug/l	99
83) tert-Butylbenzene	11.76	119	215774	18.536	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	258123	18.901	ug/l	99
85) sec-Butylbenzene	11.93	105	293860	18.696	ug/l	100
86) p-Isopropyltoluene	12.05	119	276681	18.960	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	137510	18.546	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140611	18.684	ug/l	98
89) n-Butylbenzene	12.37	91	242969	18.225	ug/l	100
90) Hexachloroethane	12.58	117	45593	18.192	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	132671	18.583	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22583	17.167	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	95584	18.083	ug/l	99
94) Hexachlorobutadiene	13.77	225	46491	20.736	ug/l	96
95) Naphthalene	13.82	128	320193	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97696	18.912	ug/l	99

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



#1

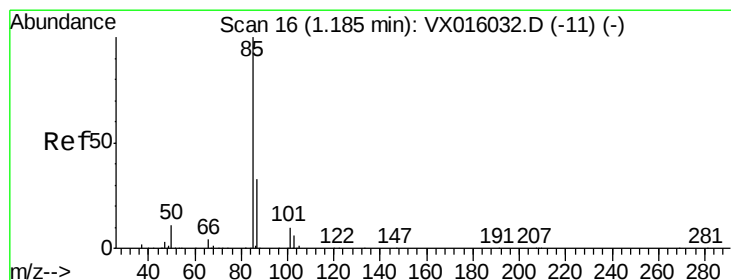
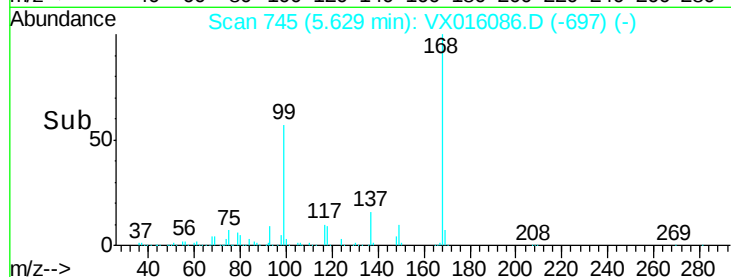
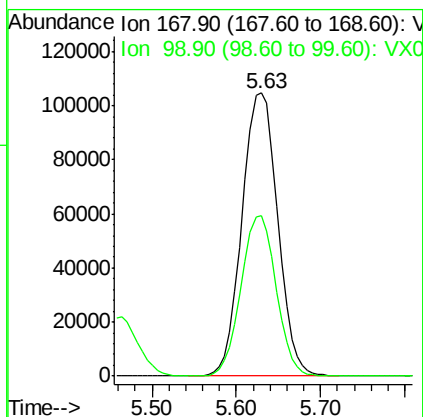
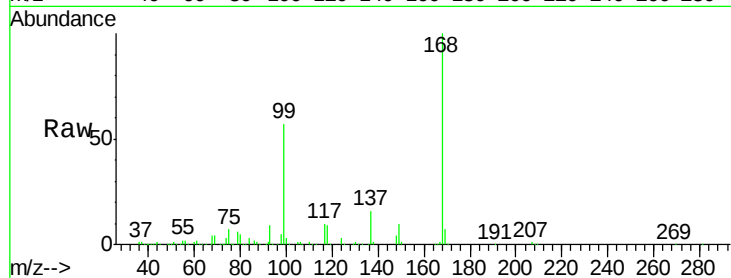
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.5	45.0	67.4

Manual Integrations
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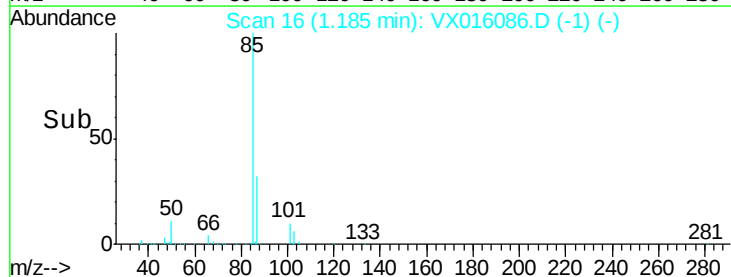
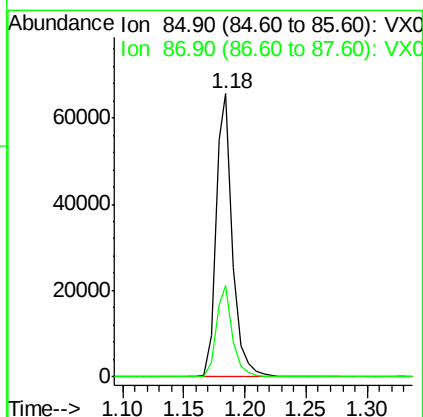
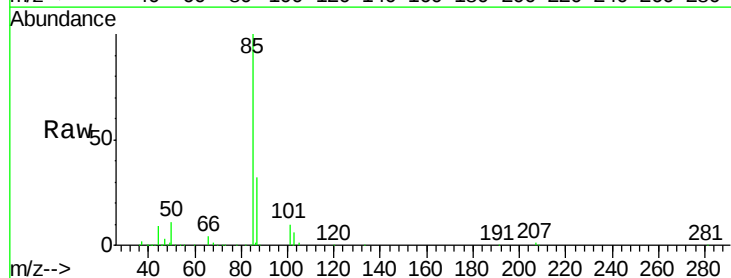
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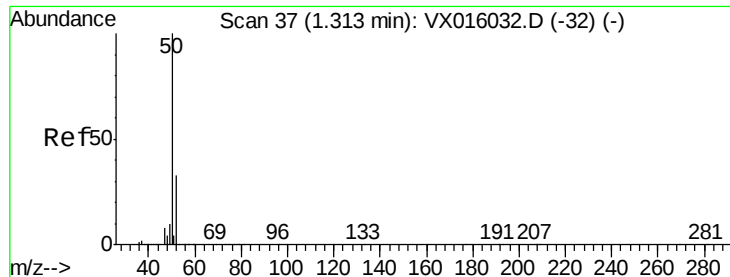


#2

Dichlorodifluoromethane
 Concen: 19.405 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.4	49.1





#3

Chloromethane

Concen: 18.314 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion: 50 Resp: 67803

Ion Ratio Lower Upper

50 100

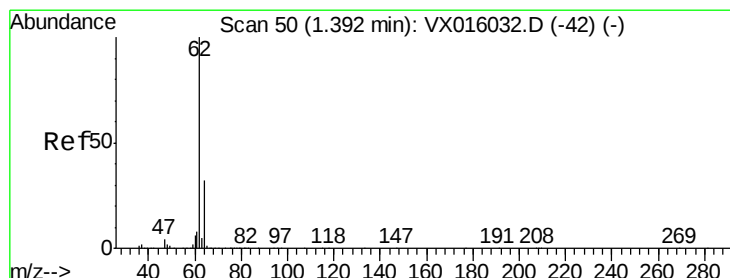
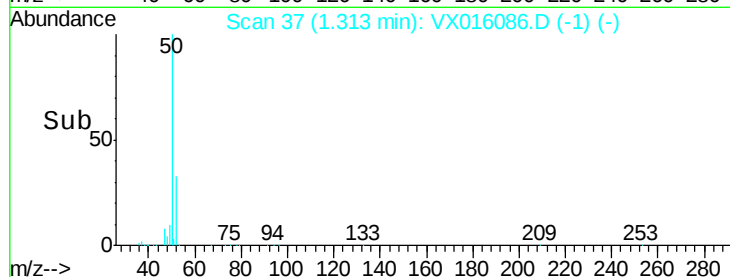
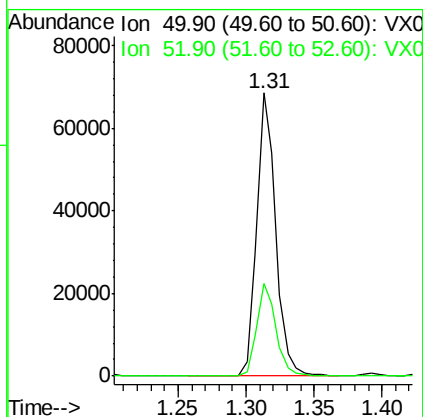
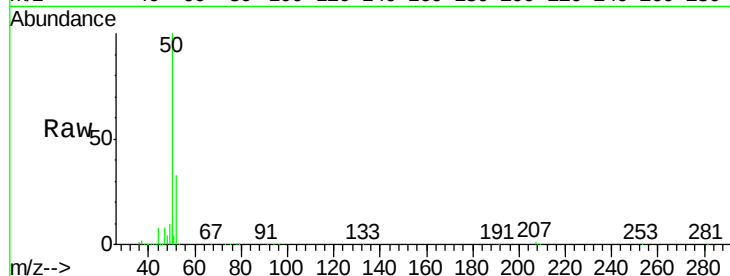
52 32.5 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.894 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016086.D

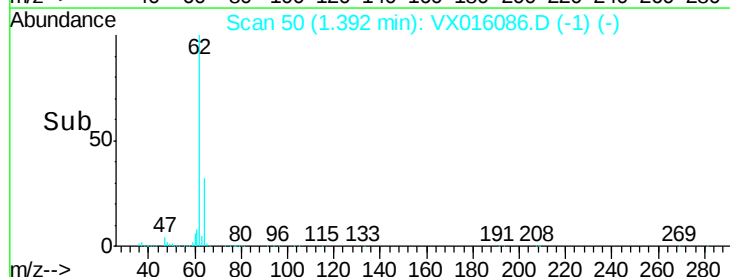
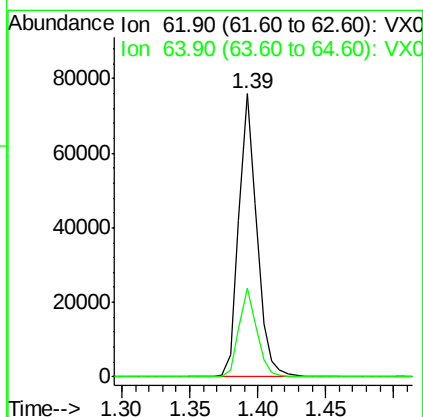
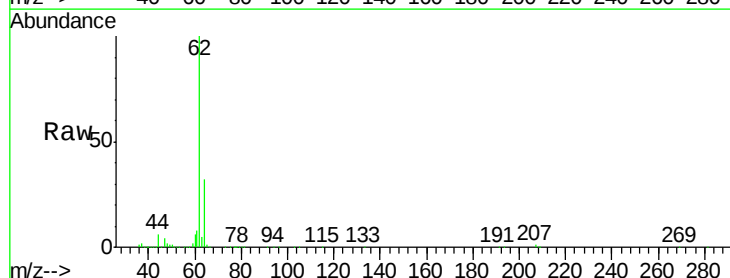
Acq: 07 May 2020 11:34

Tgt Ion: 62 Resp: 70680

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 23.116 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion: 94 Resp: 46032

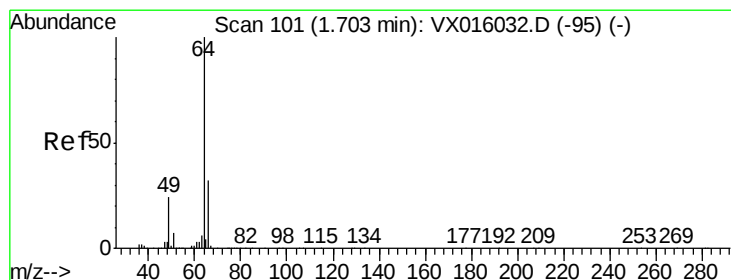
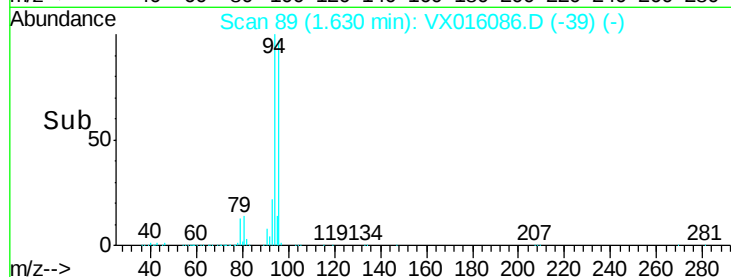
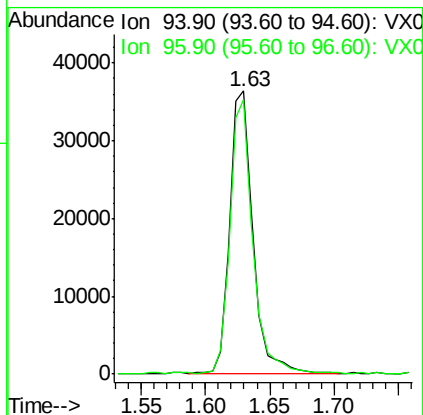
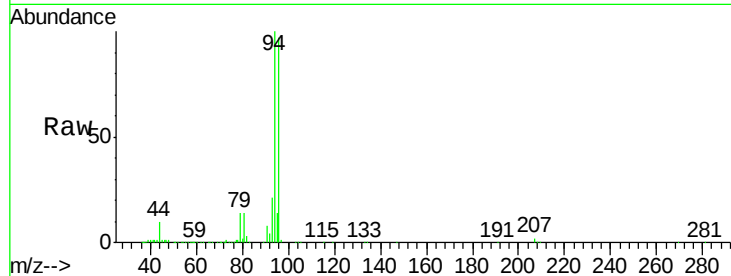
Ion Ratio Lower Upper

94 100

96 96.6 76.9 115.3

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#6

Chloroethane

Concen: 18.485 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016086.D

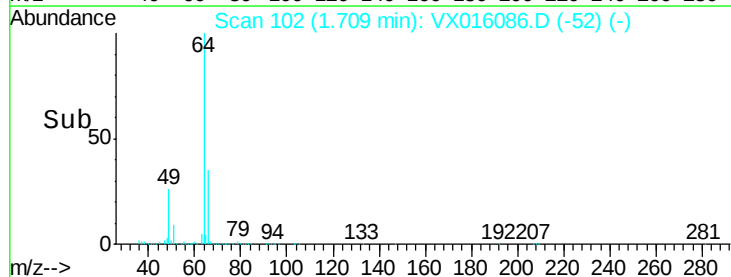
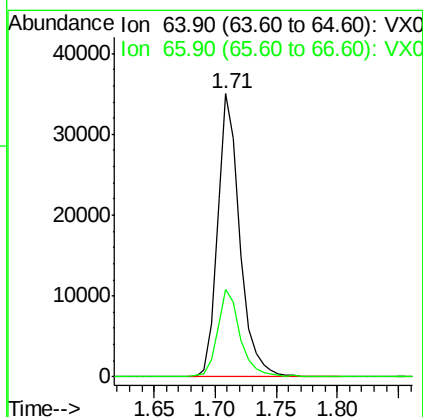
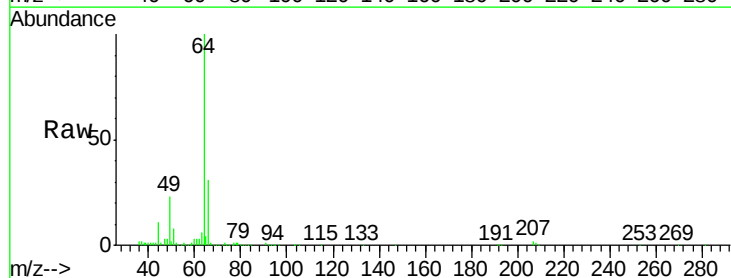
Acq: 07 May 2020 11:34

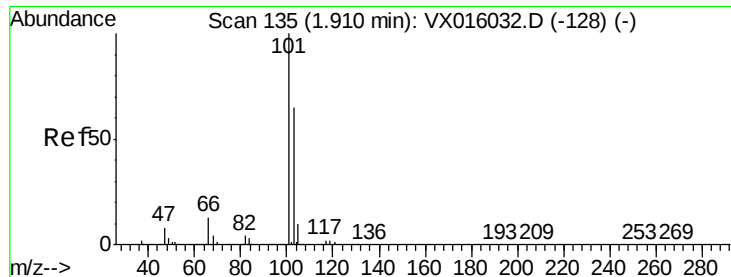
Tgt Ion: 64 Resp: 44426

Ion Ratio Lower Upper

64 100

66 30.8 25.2 37.8





#7

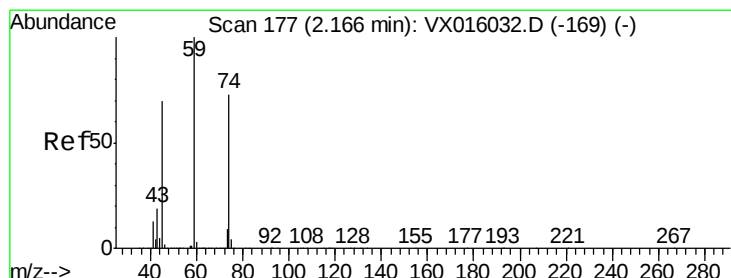
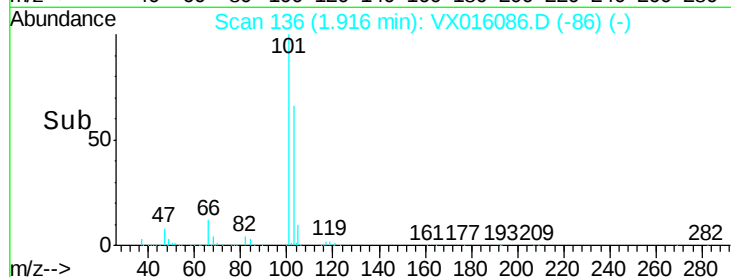
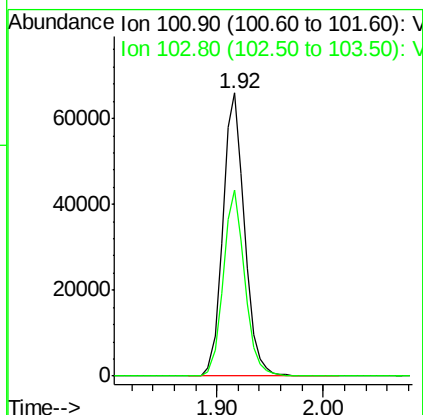
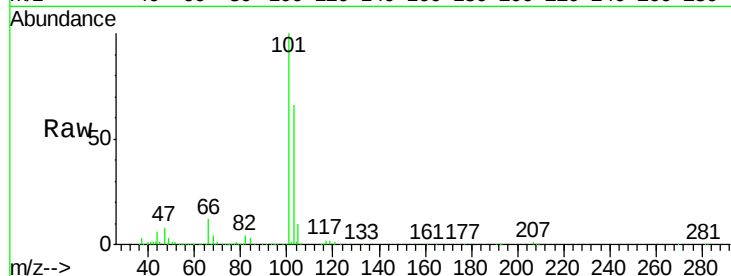
Trichlorofluoromethane
Concen: 18.070 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
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ClientSampleId :
VX0507WBSD01

Tot Ion:101 Resp: 93707
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

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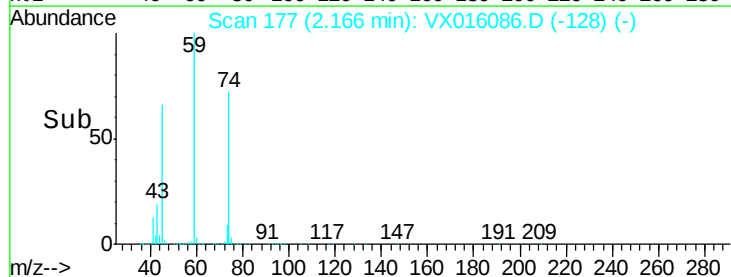
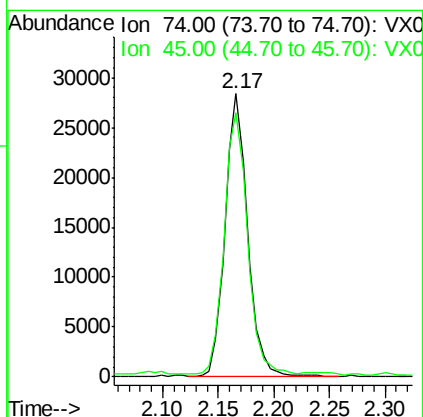
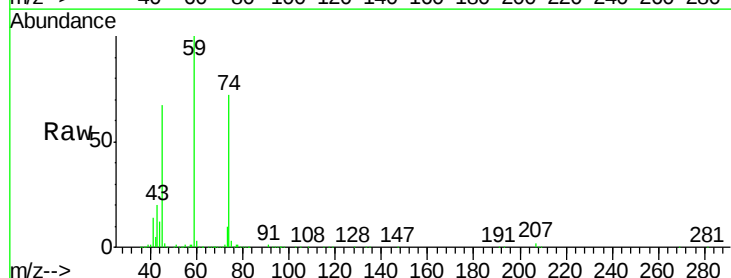
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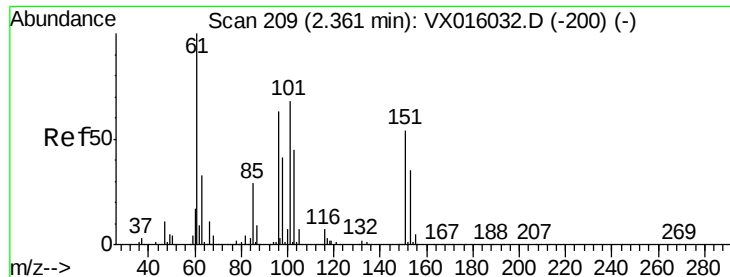


#8

Diethyl Ether
Concen: 18.078 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 74 Resp: 39500
Ion Ratio Lower Upper
74 100
45 95.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.017 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

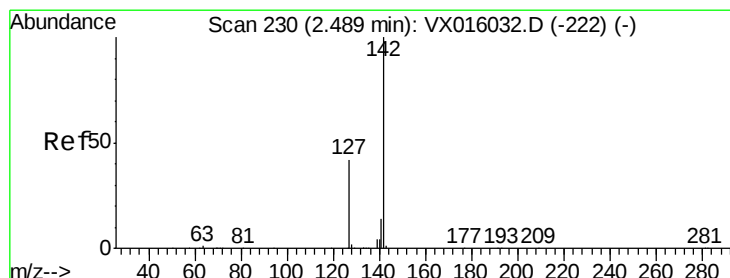
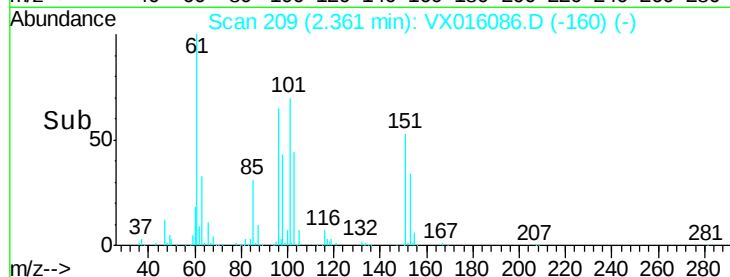
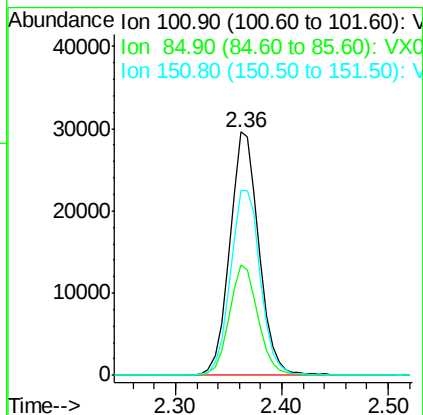
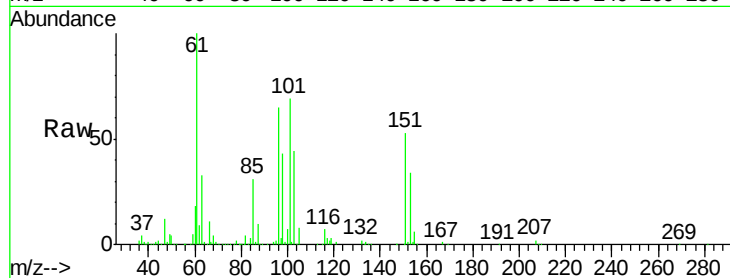
ClientSampleId :

VX0507WBSD01

Tot Ion:	101	Resp:	56896
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.2	51.4
151	78.3	62.1	93.1

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#10

Methyl Iodide

Concen: 17.268 ug/l

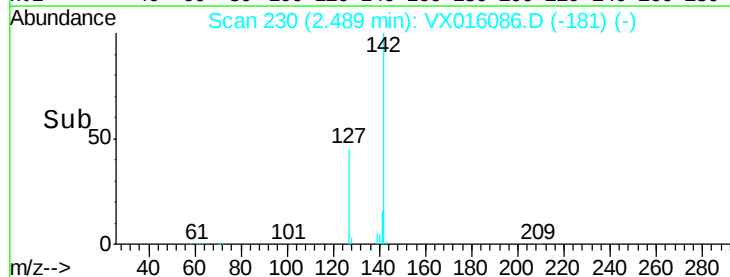
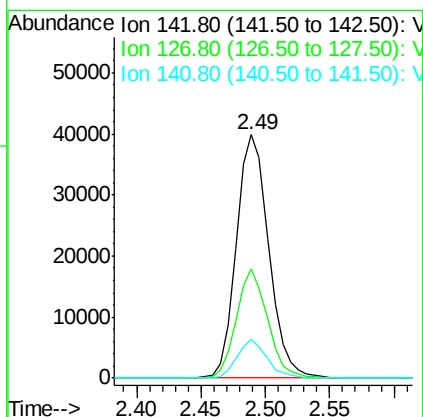
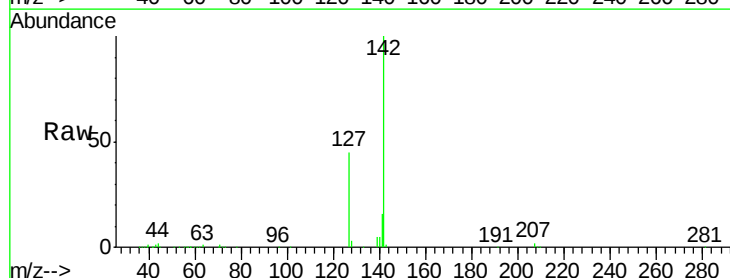
RT: 2.49 min Scan# 230

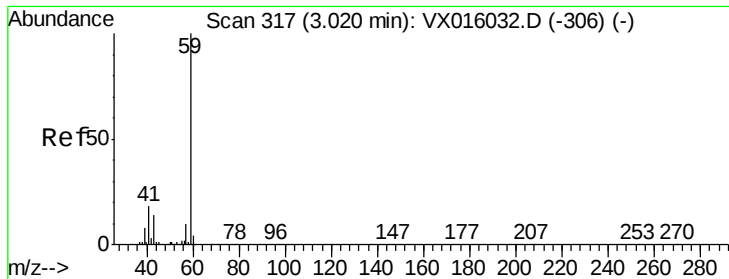
Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:	142	Resp:	69395
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.6	52.0
141	14.7	11.3	16.9





#11

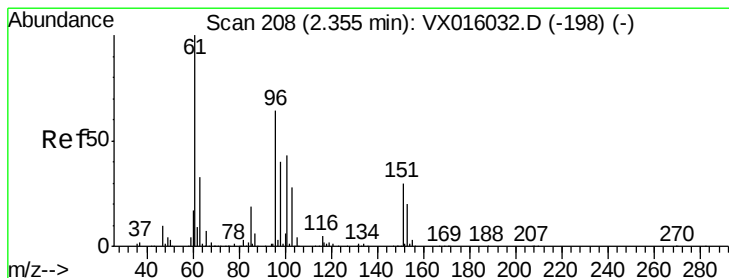
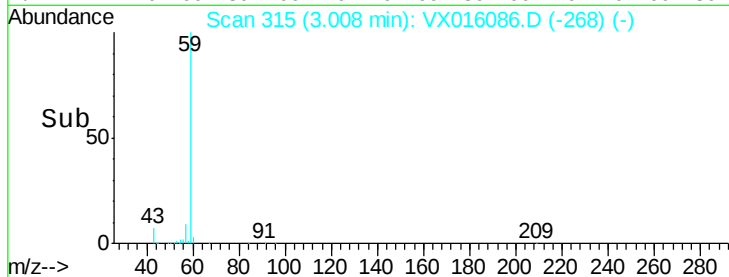
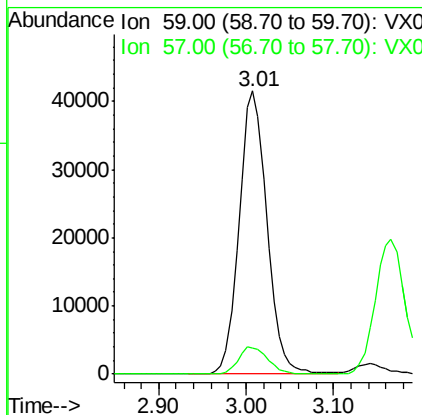
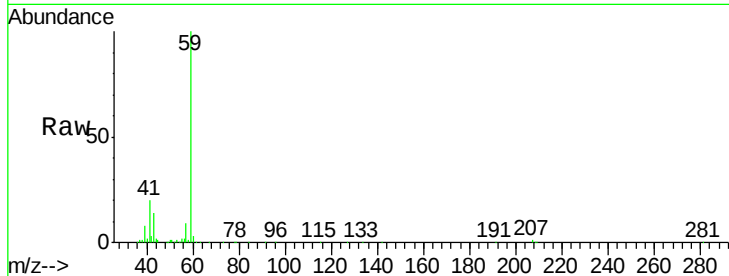
Tert butyl alcohol
Concen: 91.665 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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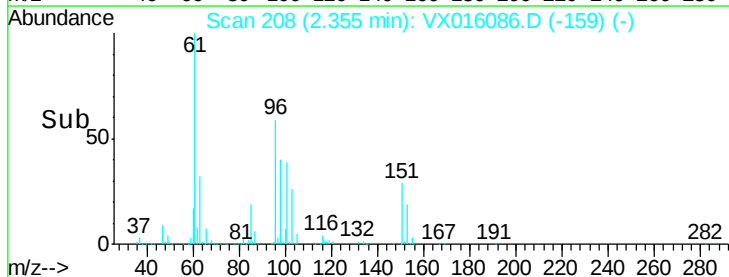
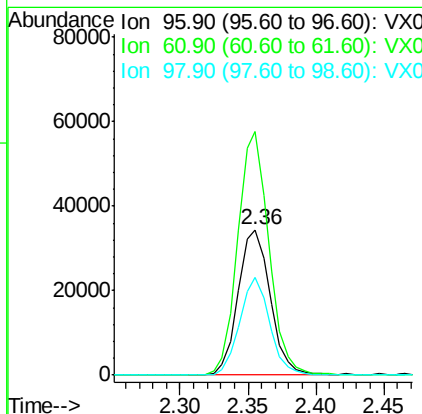
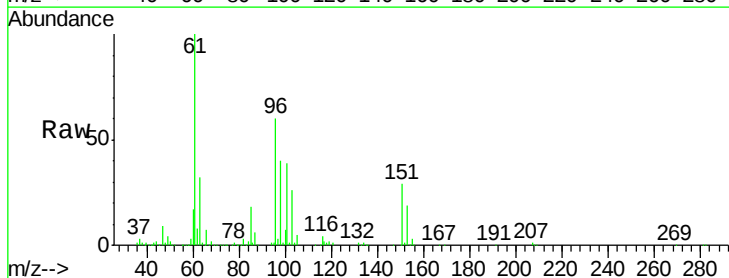
MMDadoda
5/8/2020 11:51:26 AM



#12

1,1-Dichloroethene
Concen: 17.884 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.5	124.8	187.2
98	67.7	49.7	74.5





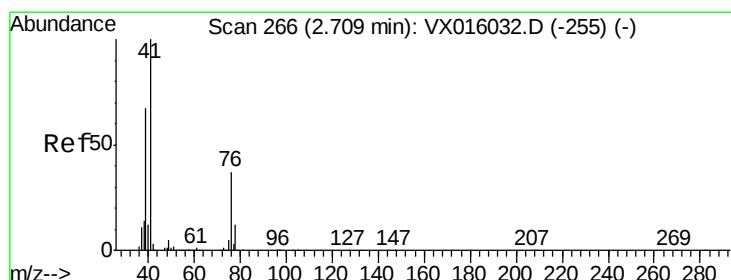
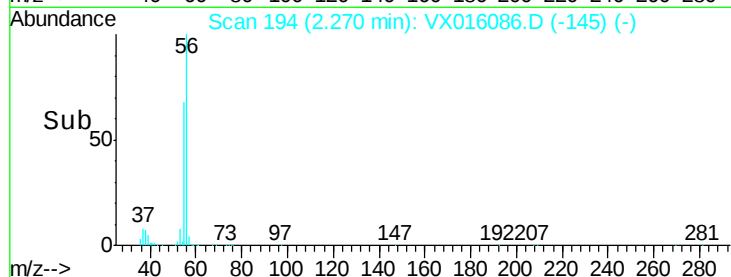
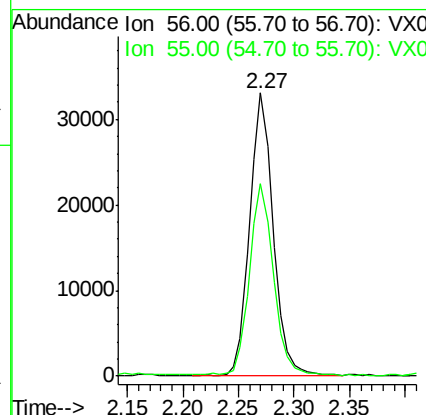
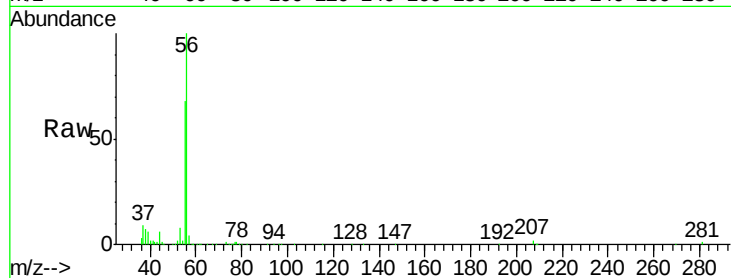
#13
Acrolein
Concen: 77.189 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	56.5	84.7

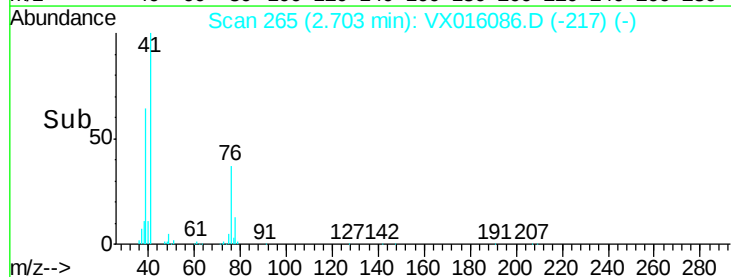
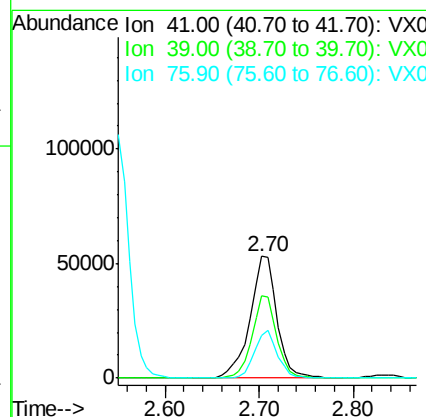
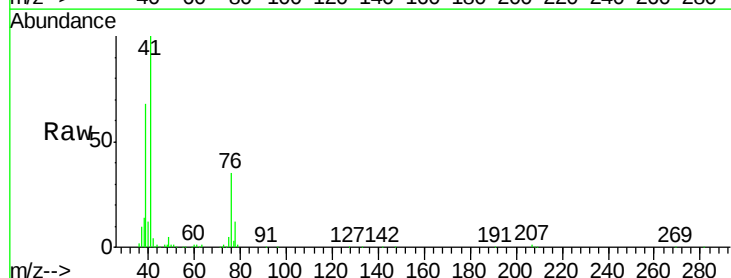
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#14
Allyl chloride
Concen: 18.483 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.5	50.5	75.7
76	33.5	26.6	40.0





#15

Acrylonitrile

Concen: 93.090 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

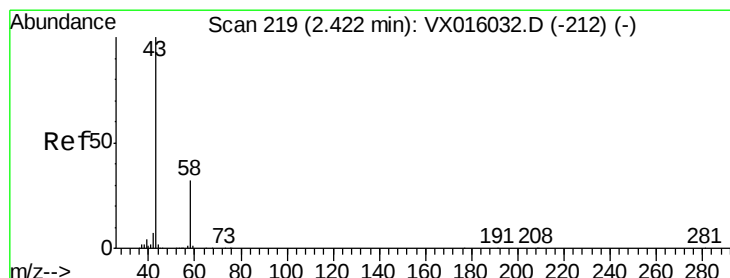
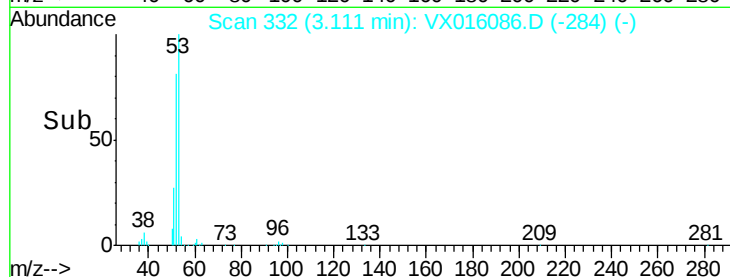
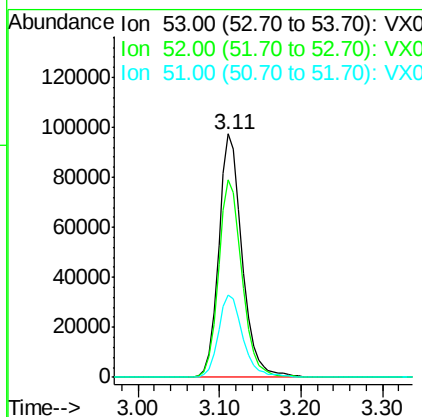
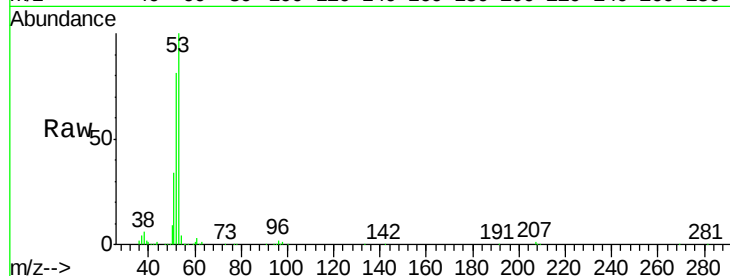
ClientSampleId :

VX0507WBSD01

Tot Ion:	53	Resp:	193546
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	35.4	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 91.986 ug/l

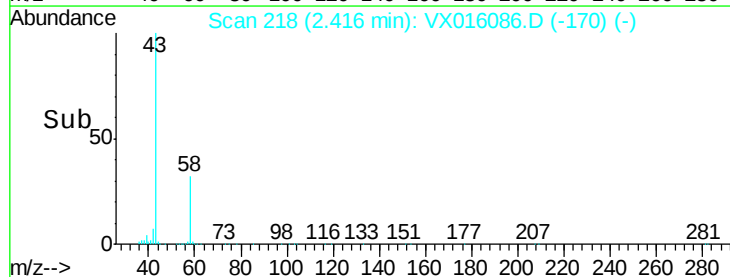
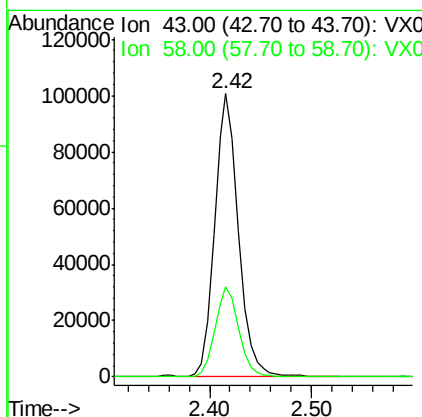
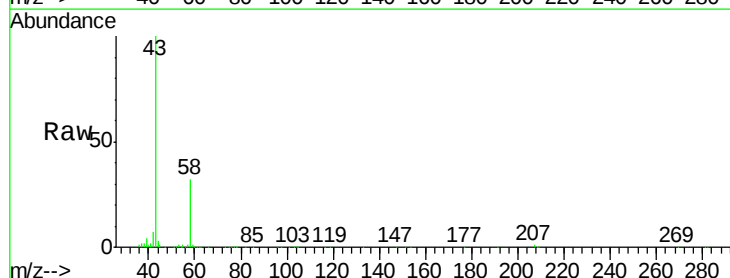
RT: 2.42 min Scan# 218

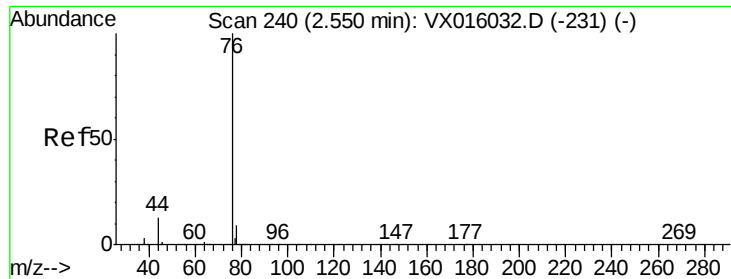
Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:	43	Resp:	162668
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.4	38.0





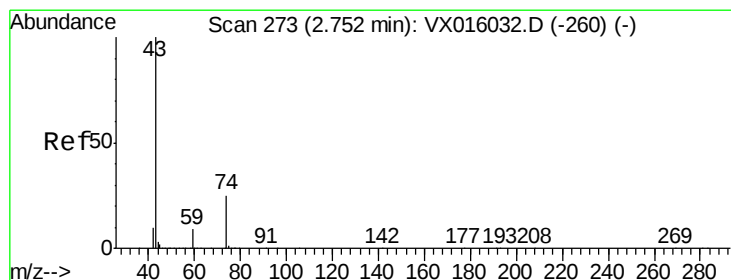
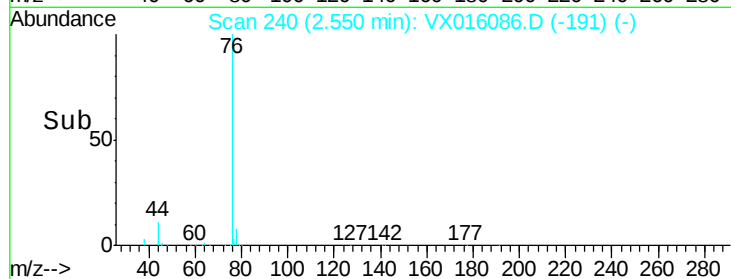
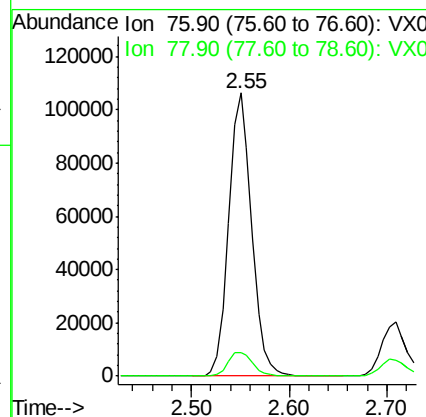
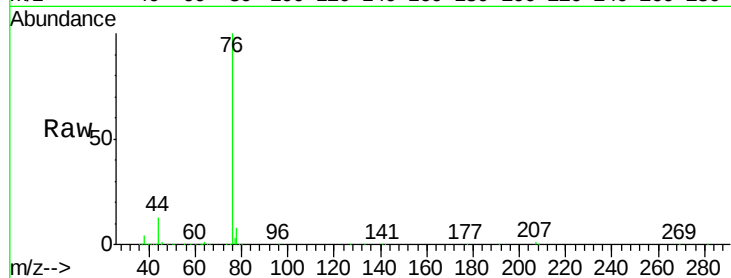
#17
Carbon Disulfide
Concen: 18.241 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.5	11.3

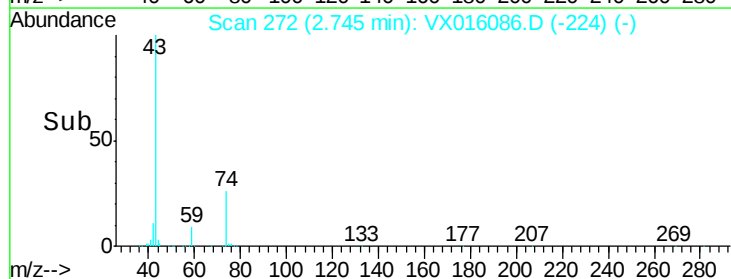
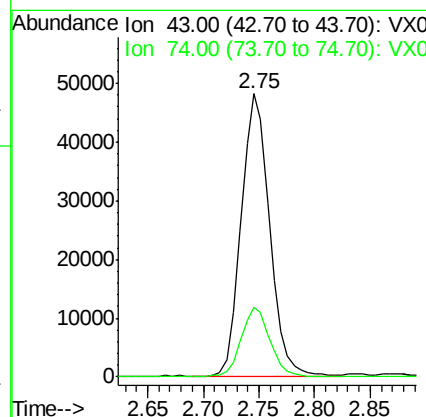
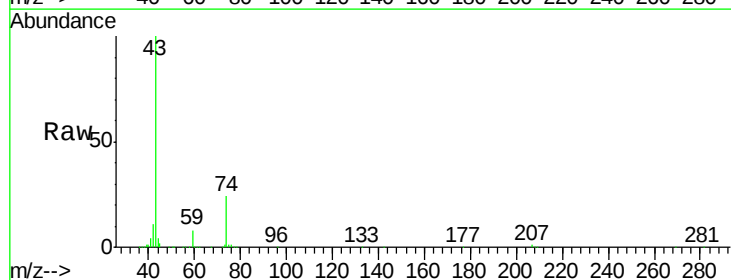
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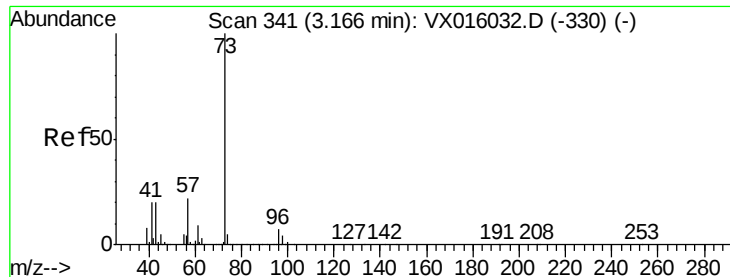
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#18
Methyl Acetate
Concen: 19.613 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.2	30.2





#19

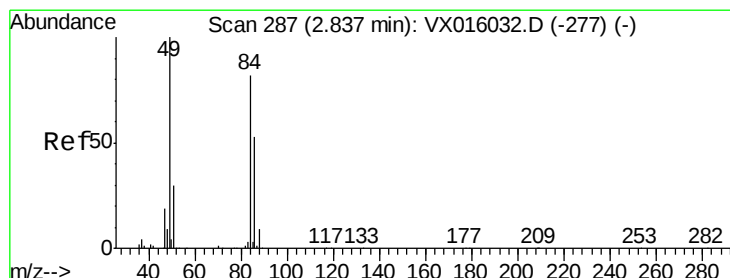
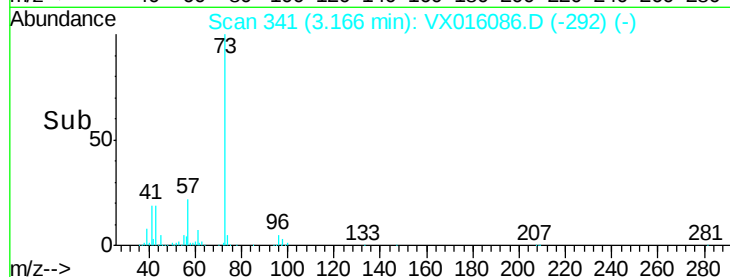
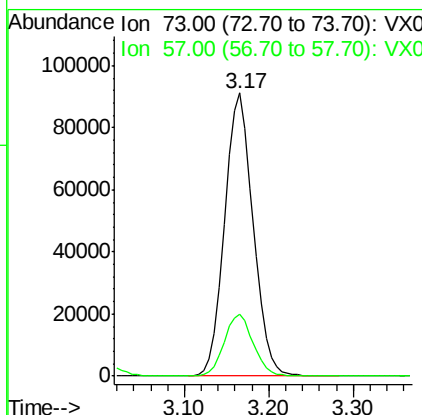
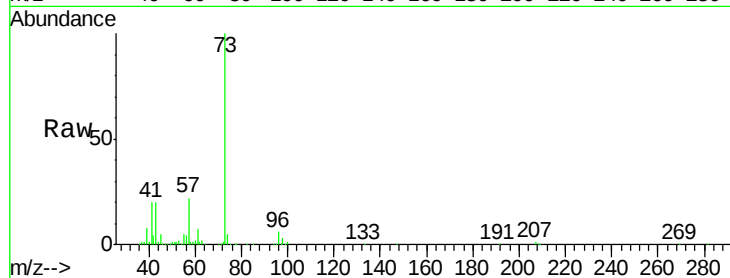
Methyl tert-butyl Ether
 Concen: 19.400 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

Manual Integrations
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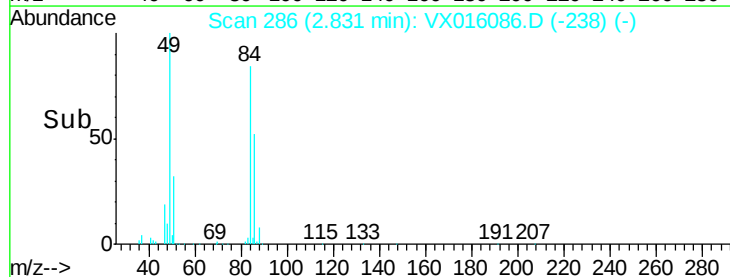
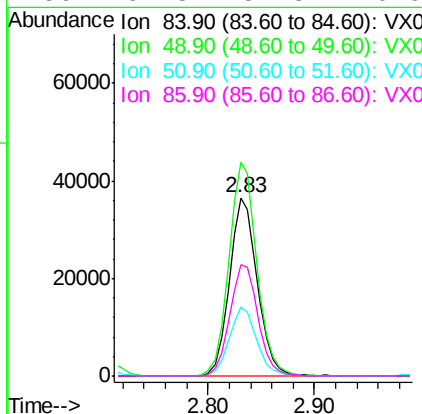
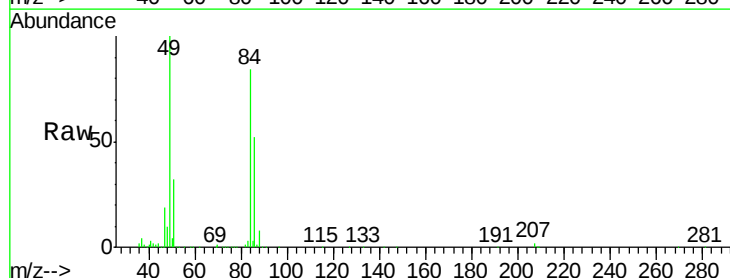
MMDadoda
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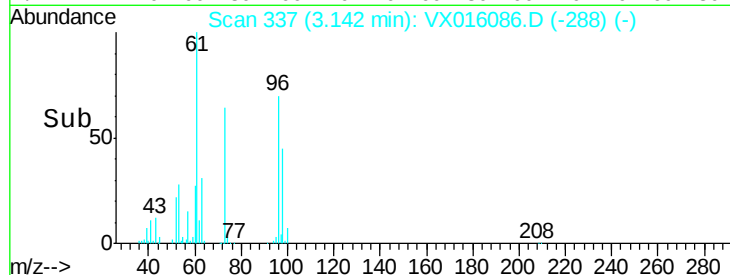
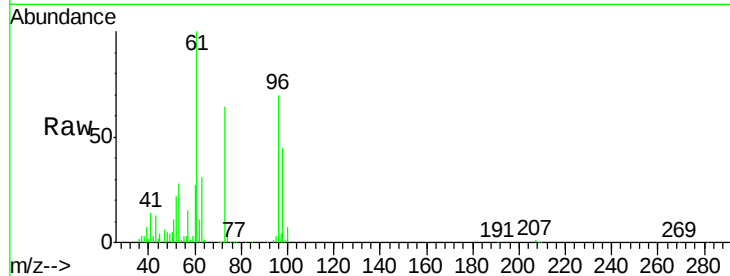
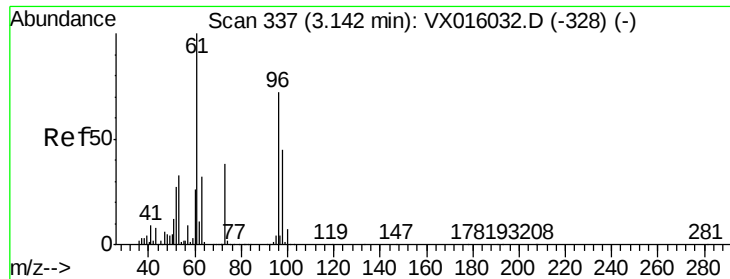


#20

Methylene Chloride
 Concen: 18.305 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	97.3	145.9
51	38.6	29.3	43.9
86	62.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.622 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016086.D

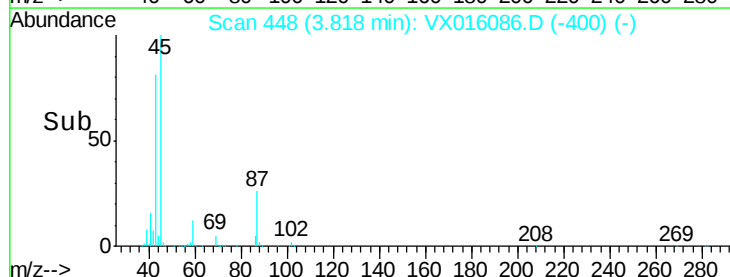
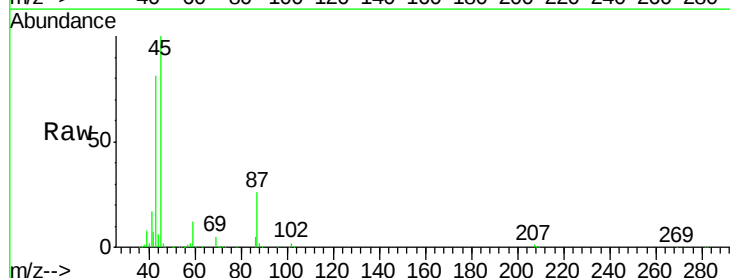
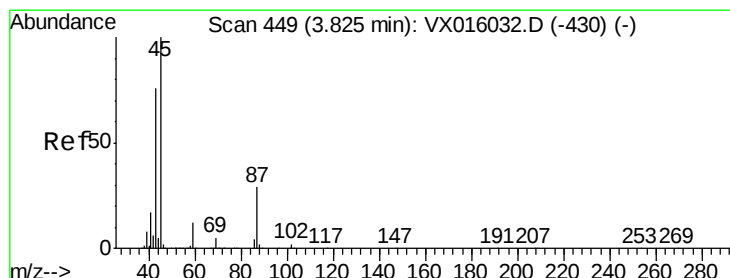
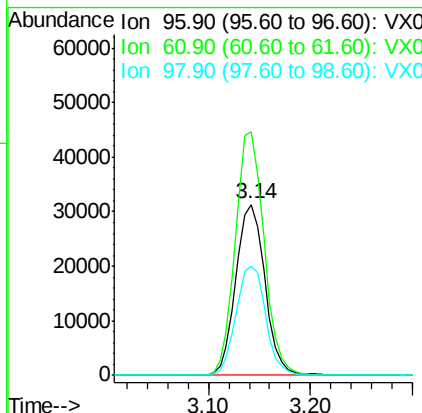
Acq: 07 May 2020 11:34

Tot Ion:	96	Resp:	61483
Ion	Ratio	Lower	Upper
96	100		
61	142.8	111.2	166.8
98	64.4	50.2	75.4

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.296 ug/l

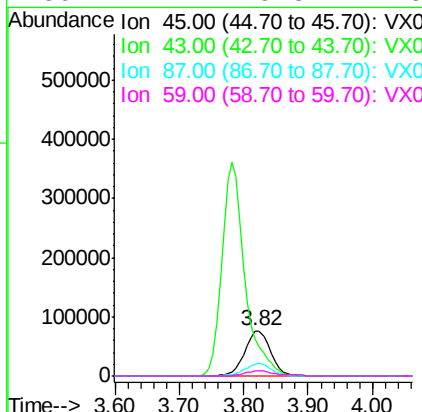
RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:	45	Resp:	208974
Ion	Ratio	Lower	Upper
45	100		
43	81.0	61.1	91.7
87	25.9	23.0	34.6
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 95.212 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion: 43 Resp: 907196

Ion Ratio Lower Upper

43 100

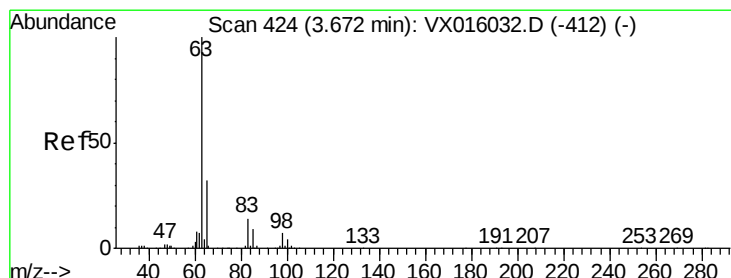
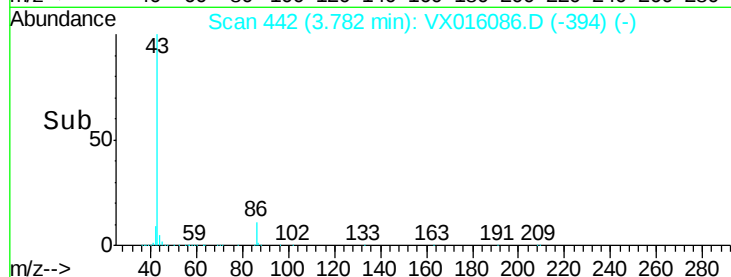
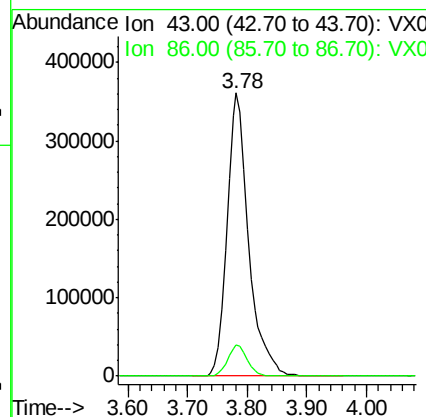
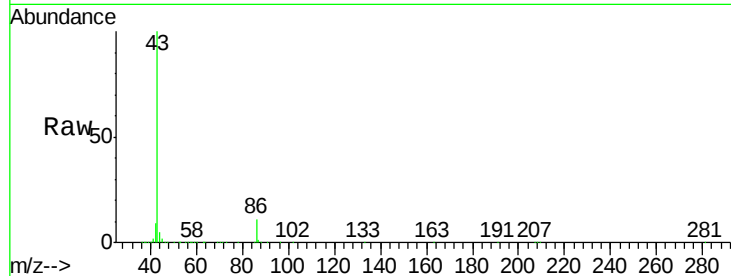
86 10.9 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.720 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

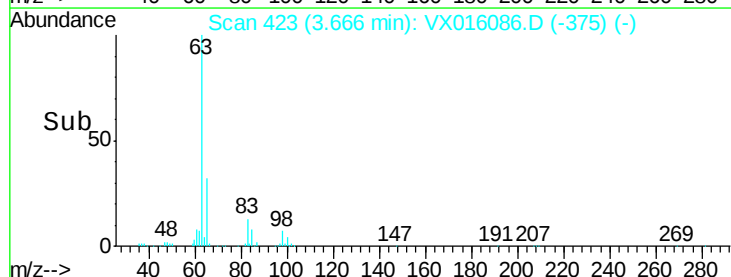
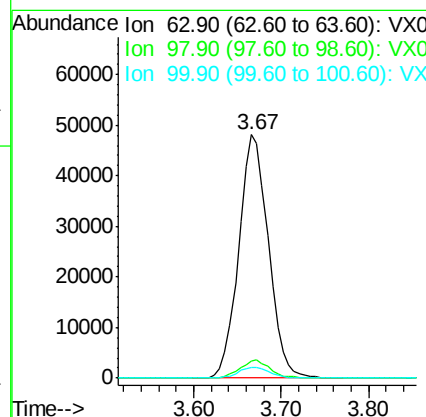
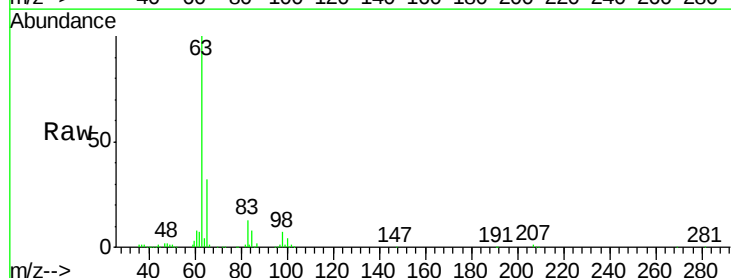
Tgt Ion: 63 Resp: 113411

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.5 2.1 6.5





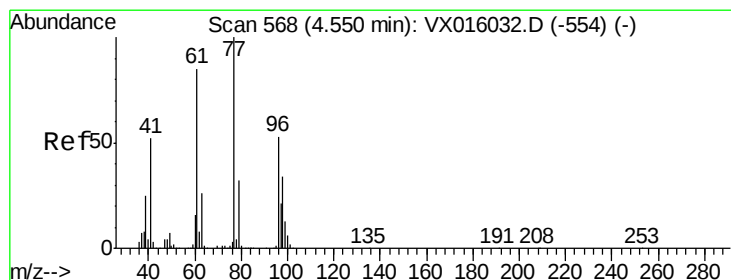
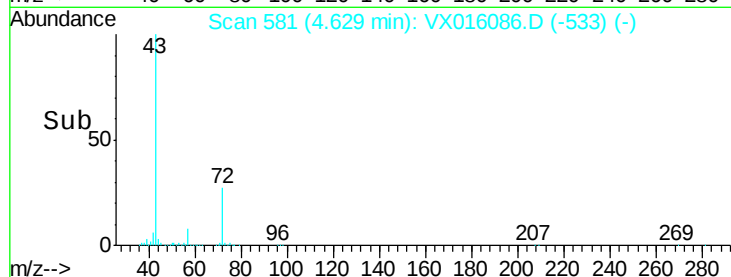
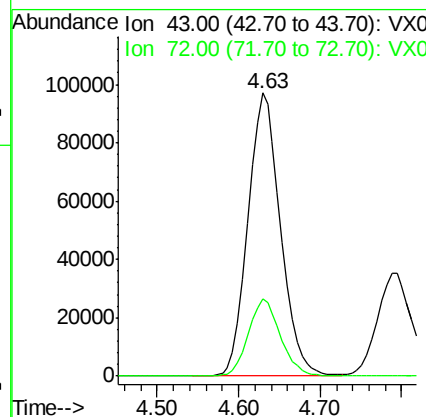
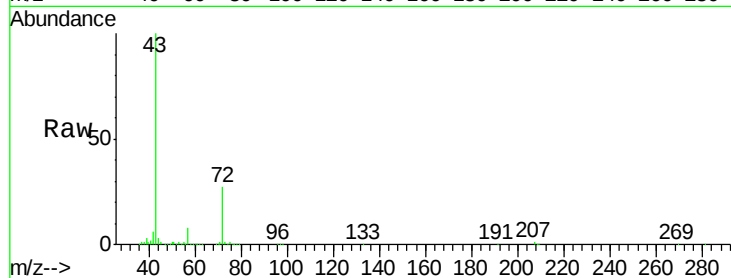
#25
2-Butanone
Concen: 94.126 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion: 43 Resp: 268224
Ion Ratio Lower Upper
43 100
72 27.1 21.8 32.8

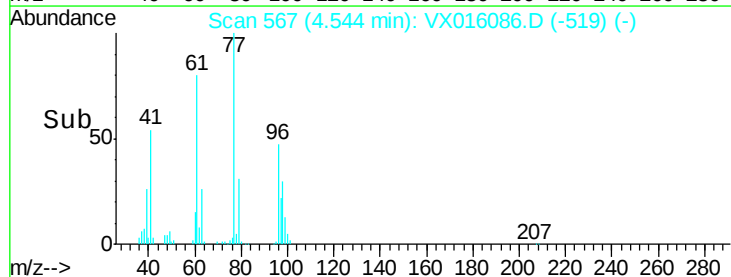
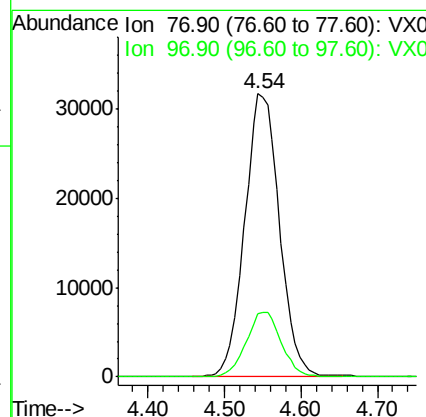
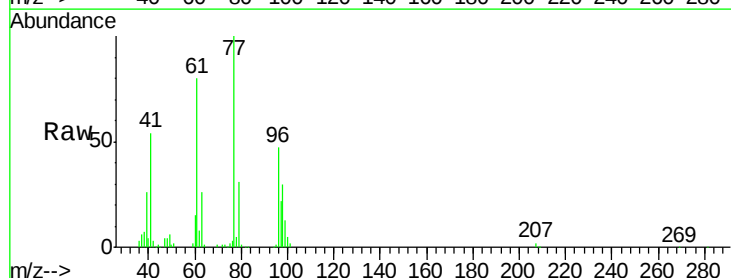
Manual Integrations
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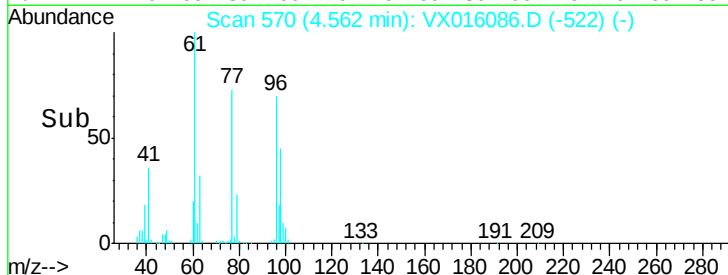
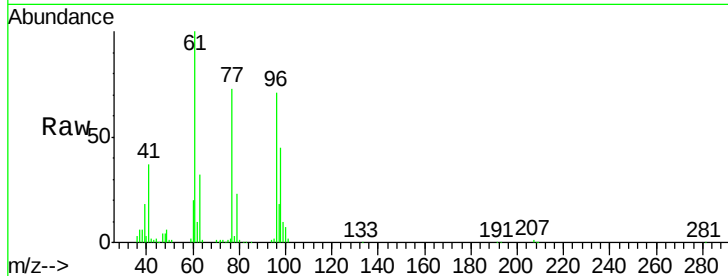
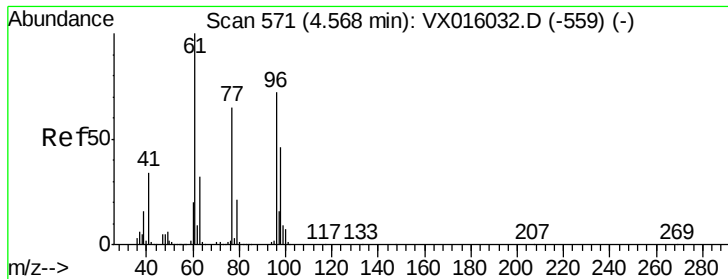
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#26
2,2-Dichloropropane
Concen: 18.121 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 77 Resp: 100258
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





#27

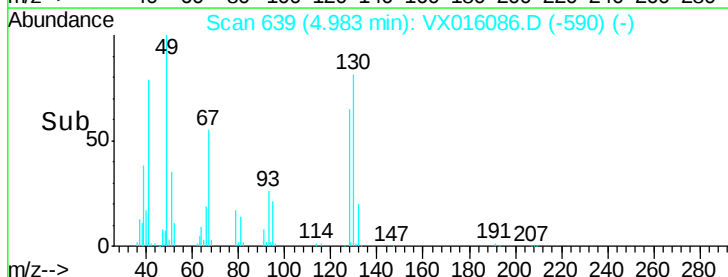
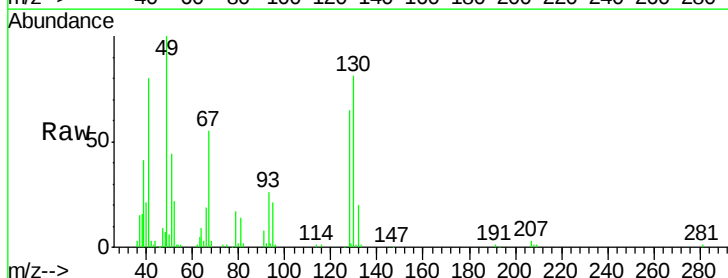
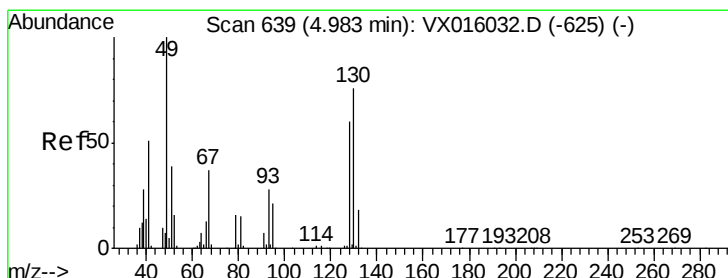
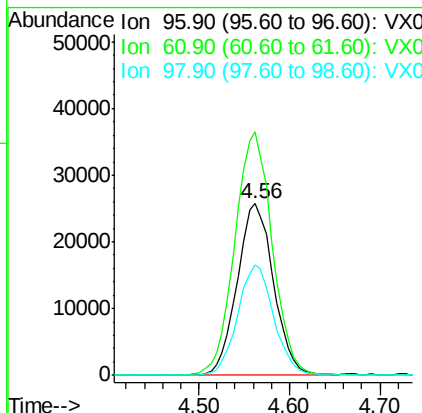
cis-1,2-Dichloroethene
Concen: 18.699 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tot Ion	Ratio	Resp	Lower	Upper
96	100	71323		
61	146.8		0.0	296.2
98	64.1		0.0	129.4

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

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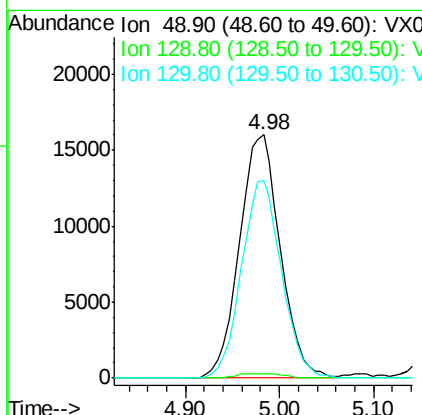
MMDadoda
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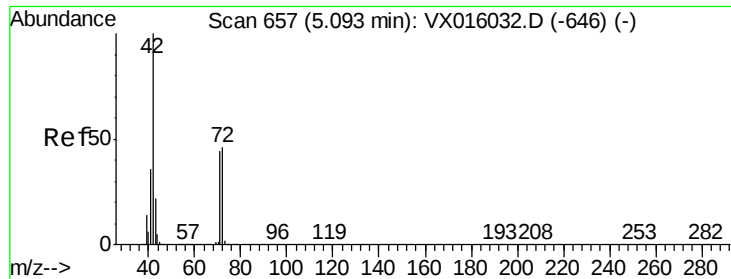


#28

Bromochloromethane
Concen: 17.648 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	48754		
129	2.0		0.0	4.0
130	79.5		62.4	93.6





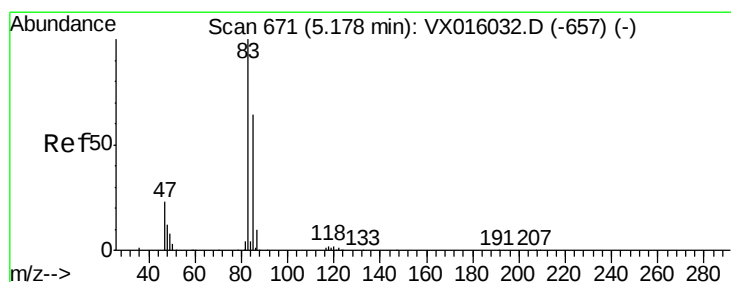
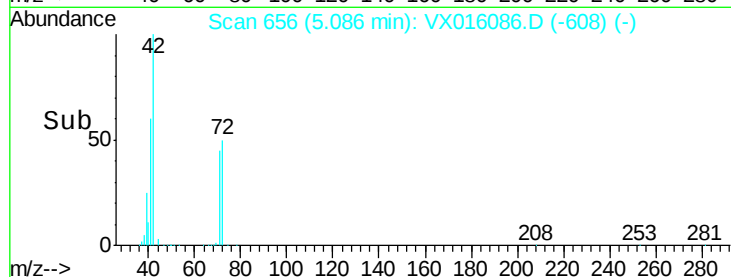
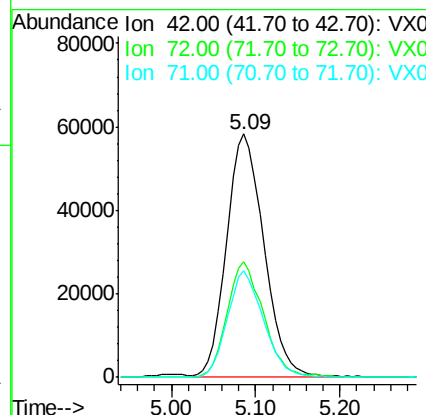
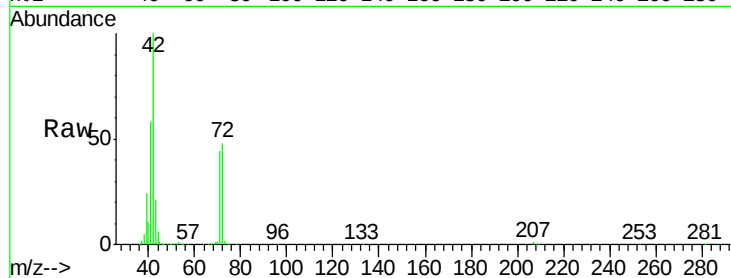
#29
Tetrahydrofuran
Concen: 93.090 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.1	55.7
71	42.7	34.5	51.7

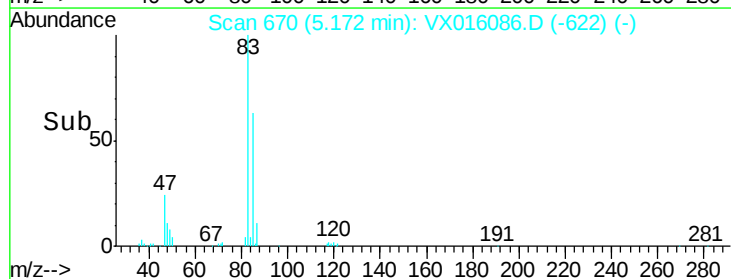
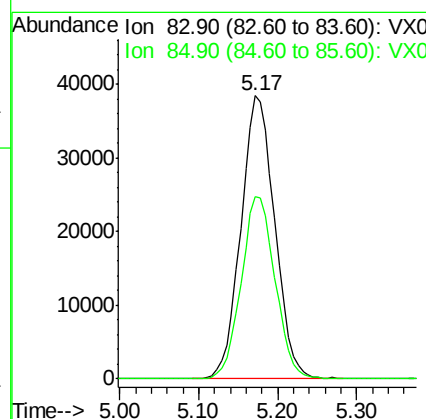
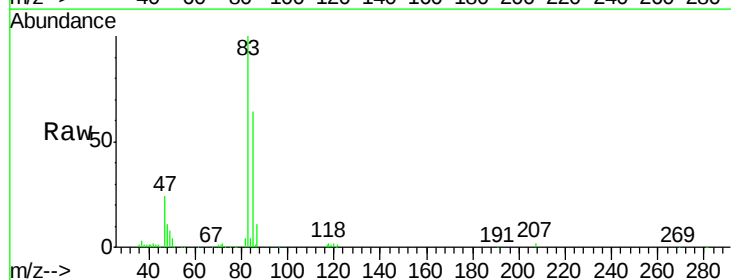
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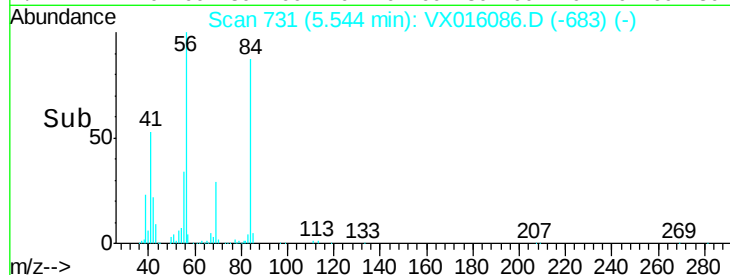
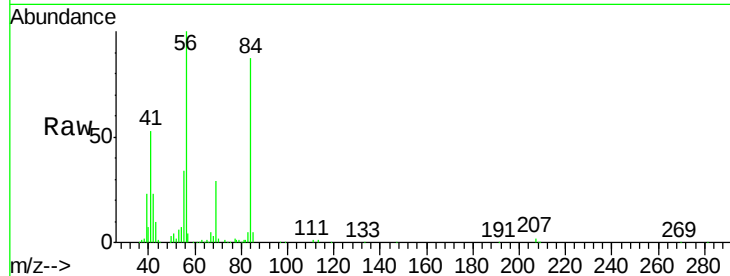
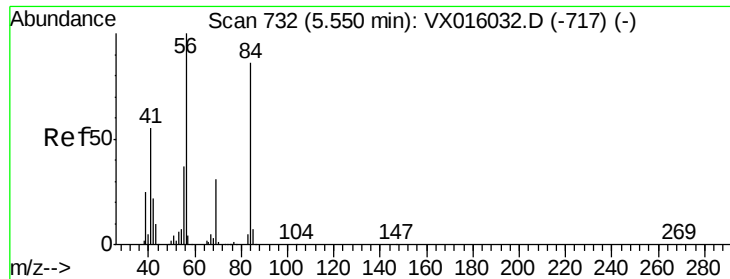
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#30
Chloroform
Concen: 19.010 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





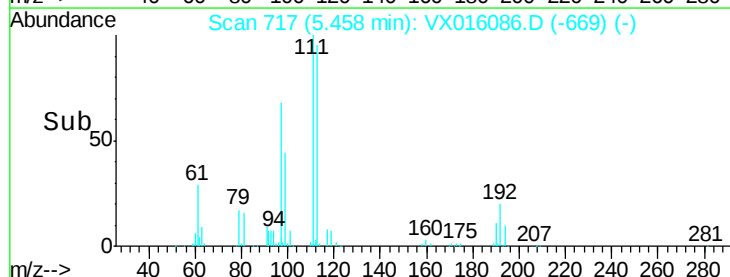
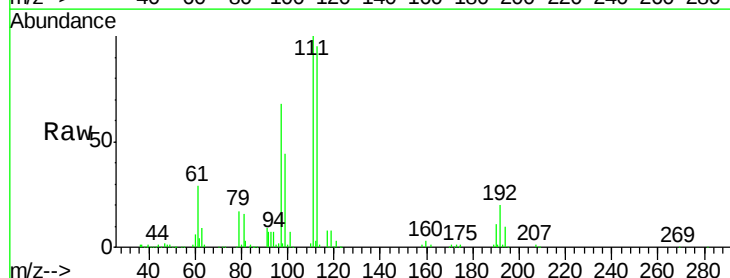
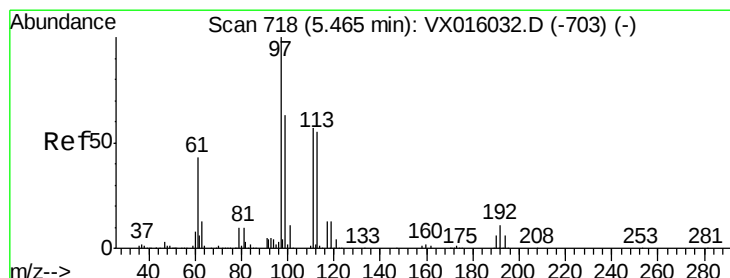
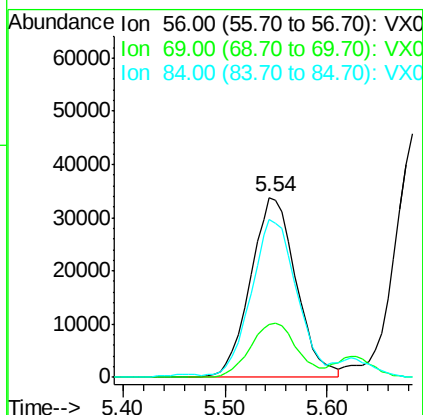
#31
Cyclohexane
Concen: 19.032 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100				
69	29.5	25.0	37.6		
84	85.5	69.0	103.6		

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

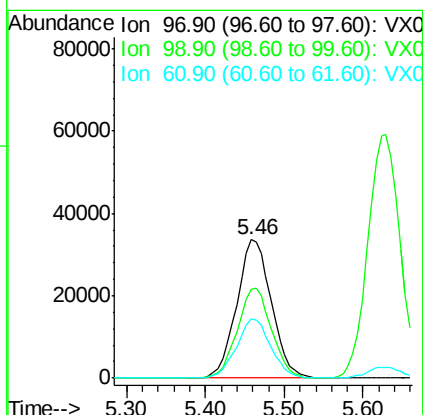
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 18.748 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
99	64.3	51.0	76.4		
61	42.6	34.5	51.7		





#33

1,2-Dichloroethane-d4

Concen: 47.416 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion: 65 Resp: 187926

Ion Ratio Lower Upper

65 100

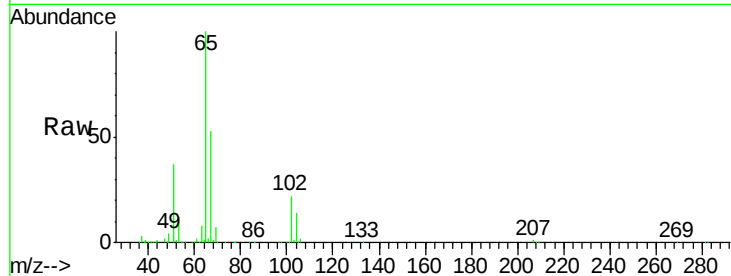
67 53.3 0.0 104.8

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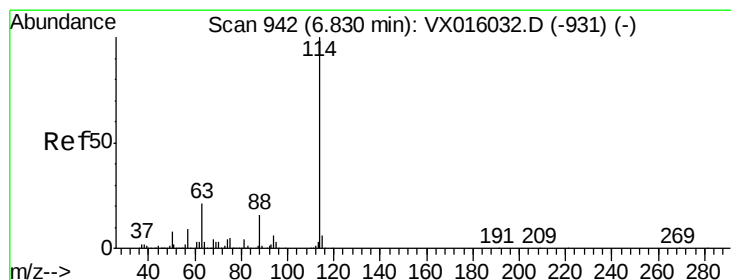
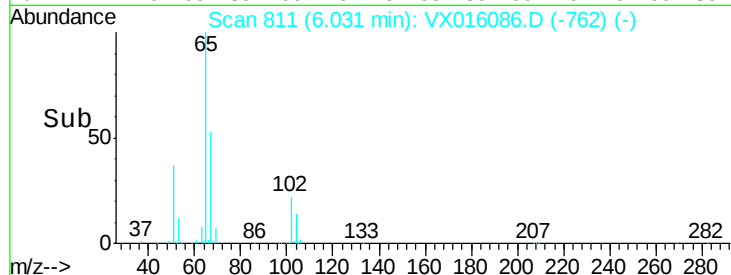
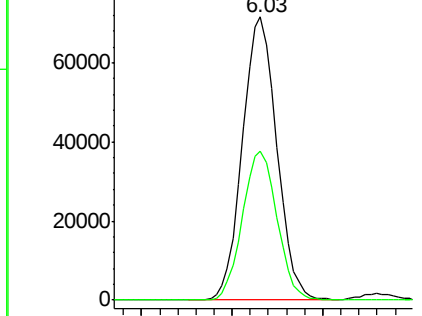
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

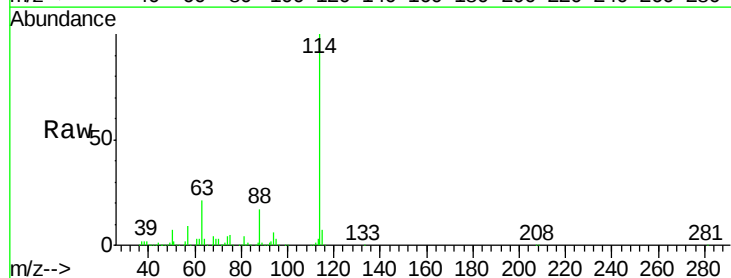
Tgt Ion: 114 Resp: 470992

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

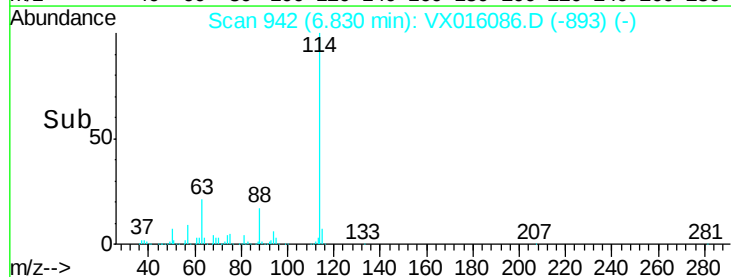
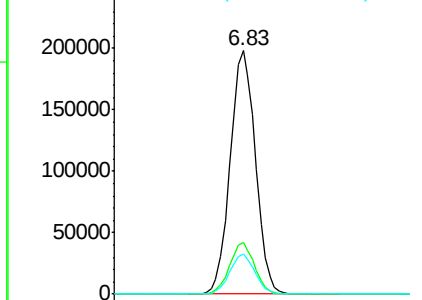
88 16.6 0.0 31.4

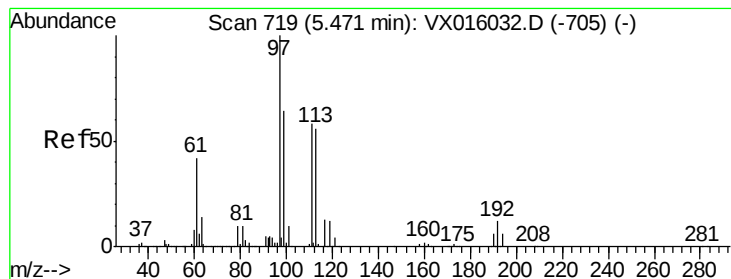


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.789 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

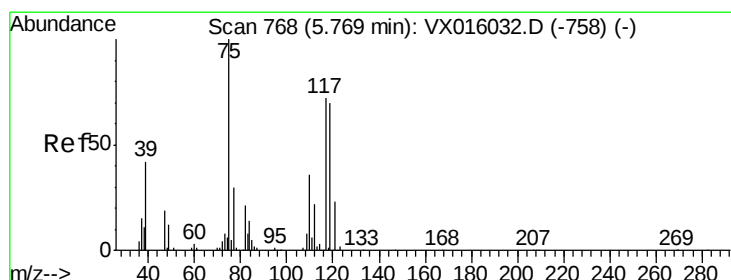
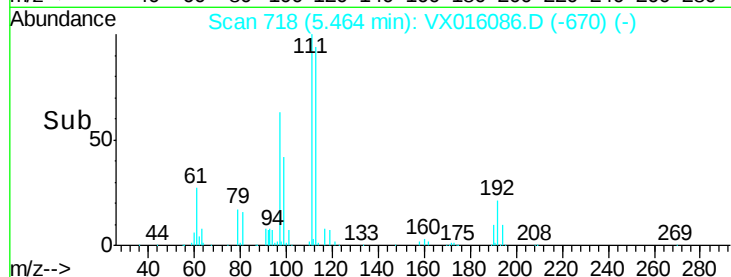
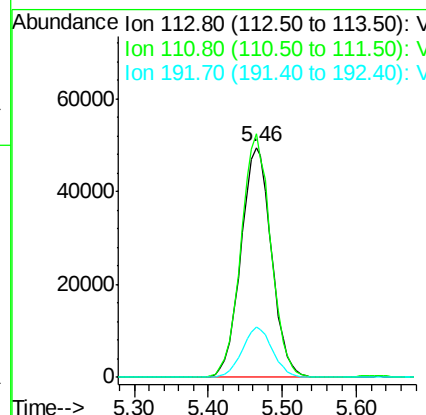
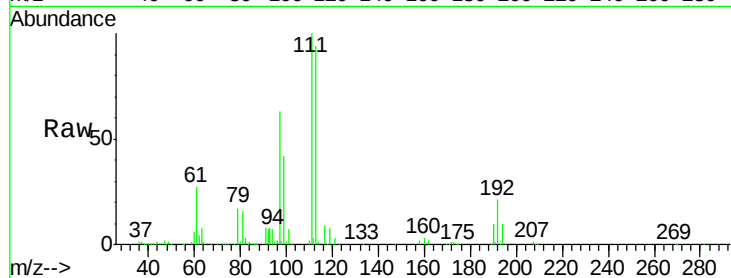
ClientSampled :

VX0507WBSD01

Tot Ion:	113	Resp:	142599
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	21.6	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 18.508 ug/l

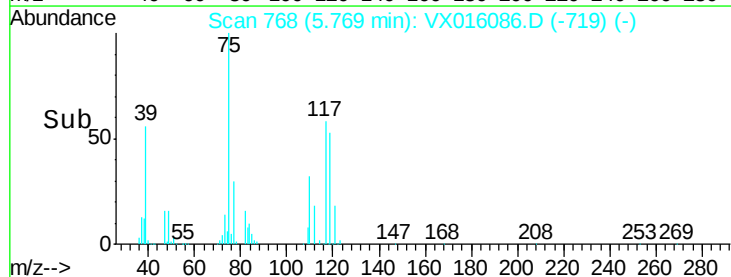
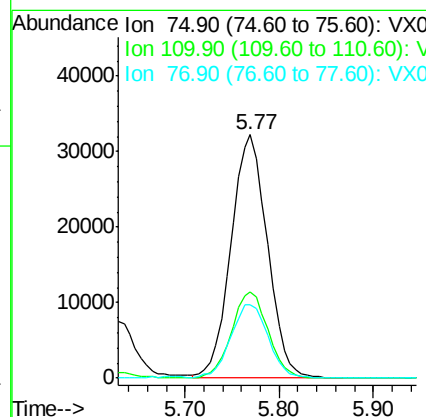
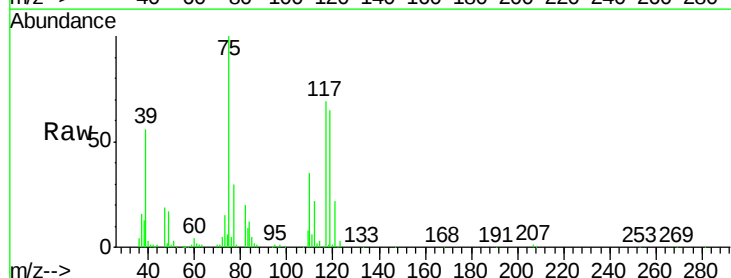
RT: 5.77 min Scan# 768

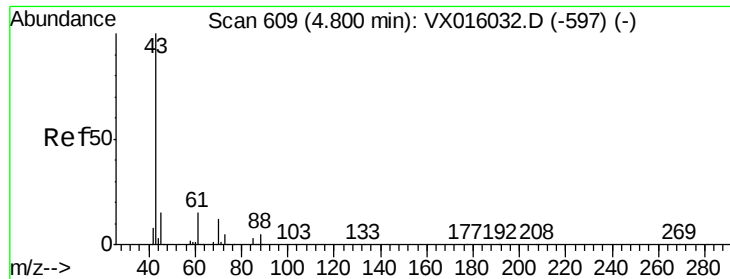
Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:	75	Resp:	85808
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.1
77	31.7	25.0	37.6





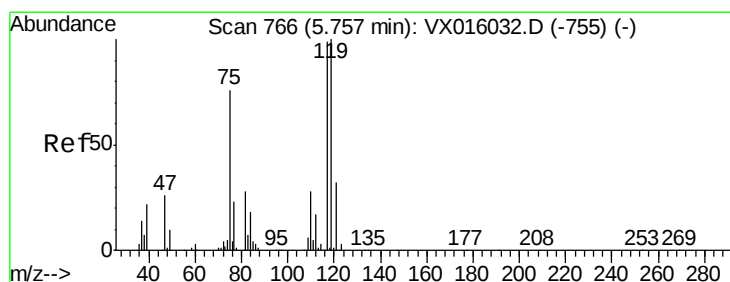
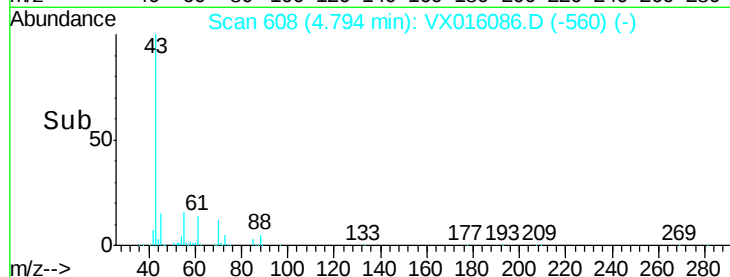
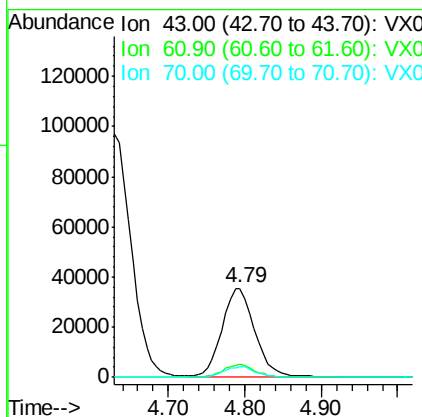
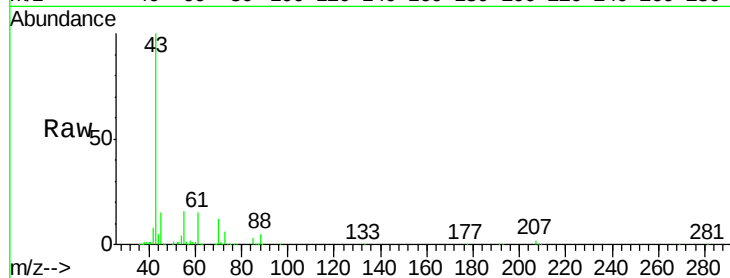
#37
Ethyl Acetate
Concen: 19.360 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion:	43	Resp:	104033
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.7	17.5
70	11.9	9.3	13.9

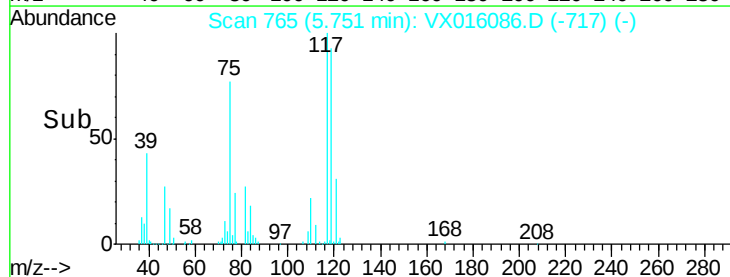
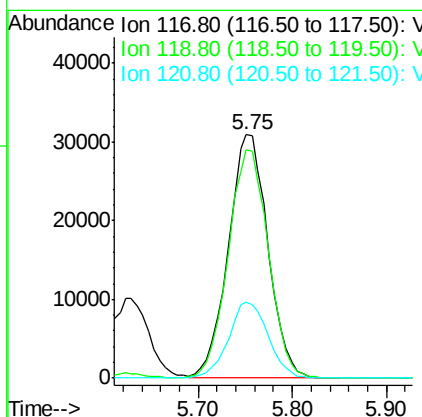
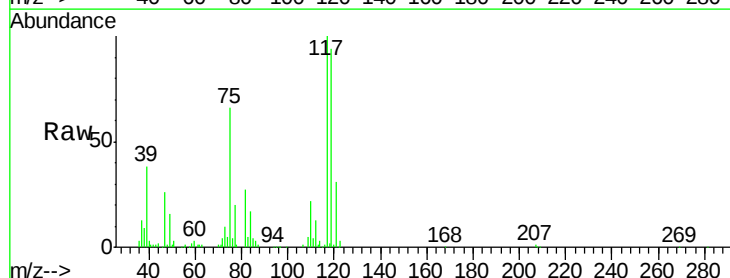
Manual Integrations
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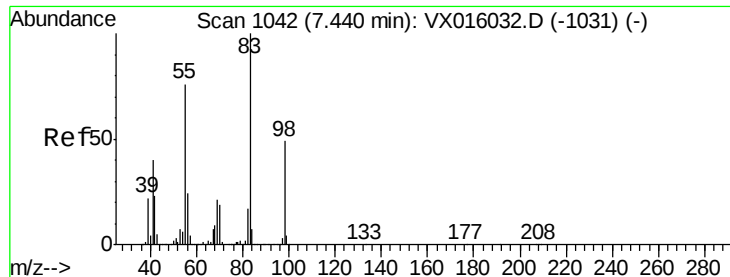
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#38
Carbon Tetrachloride
Concen: 19.196 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion:	117	Resp:	90461
Ion	Ratio	Lower	Upper
117	100		
119	93.2	80.3	120.5
121	31.1	25.7	38.5





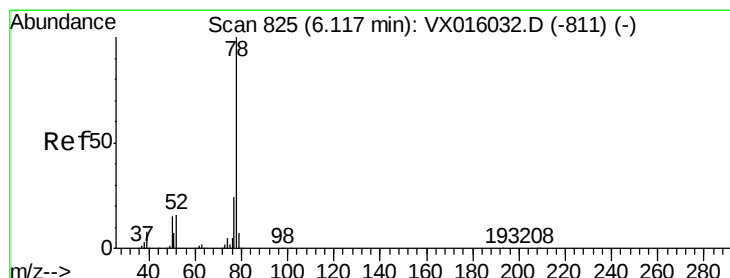
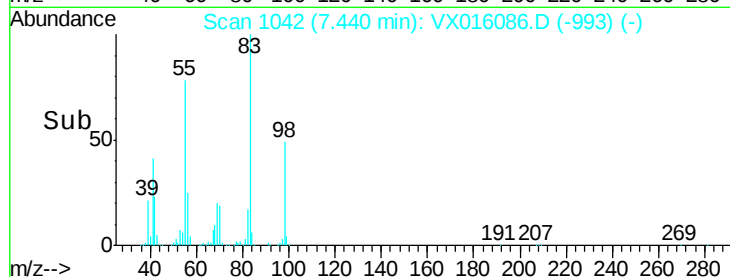
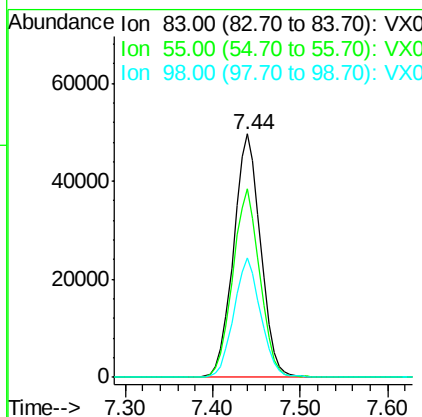
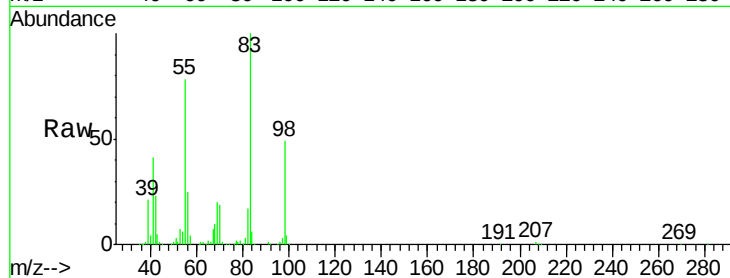
#39
Methvlcvclohexane
Concen: 19.121 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.1	91.7
98	48.8	39.0	58.4

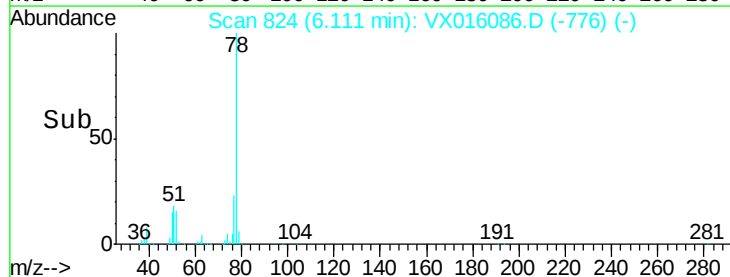
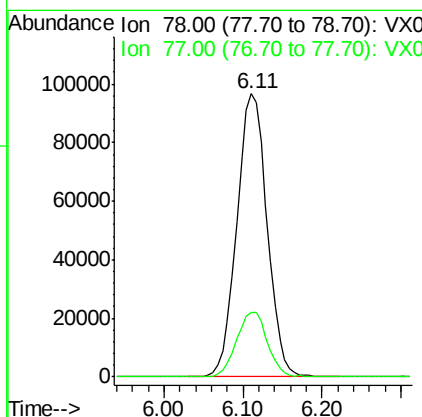
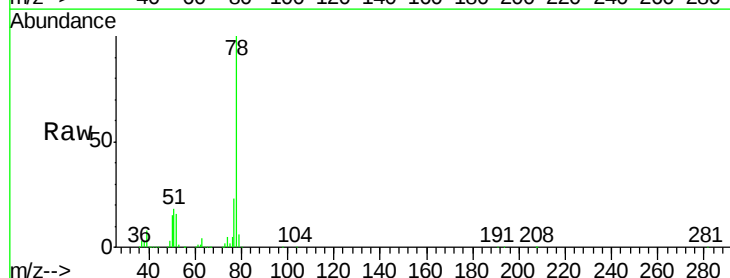
Manual Integrations
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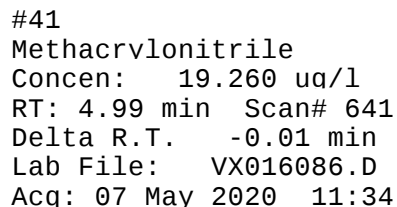
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#40
Benzene
Concen: 18.965 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4



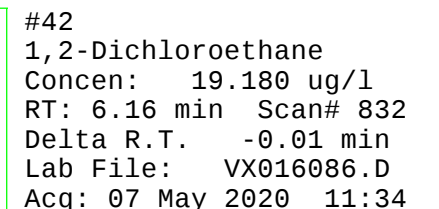
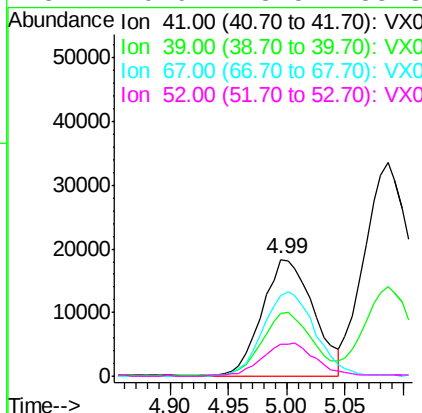


Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

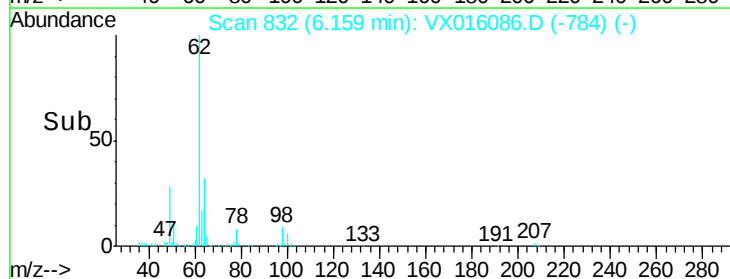
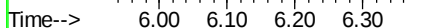
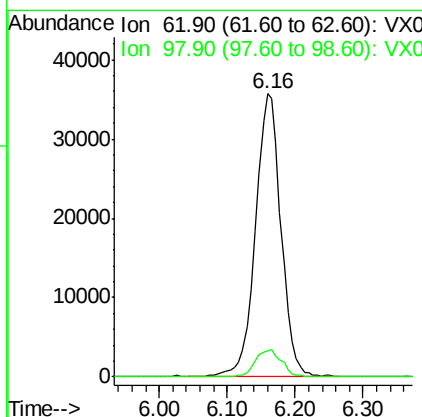
Manual Integrations
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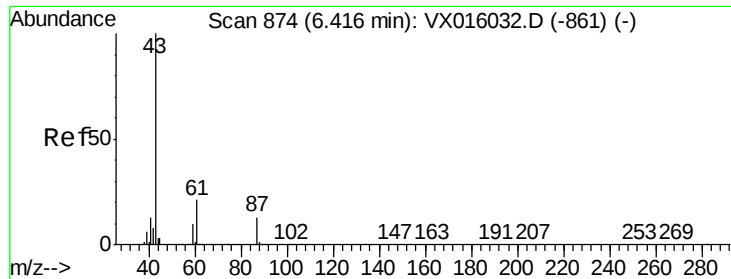
MMDadoda
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Tot	Ion: 41	Resp:	55892
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.2	64.8
67	74.2	59.3	88.9
52	29.9	23.5	35.3



Tgt	Ion: 62	Resp:	93725
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





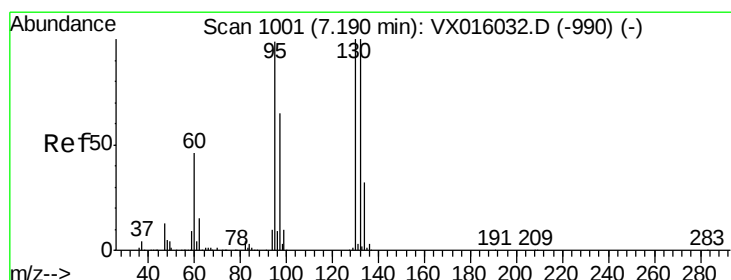
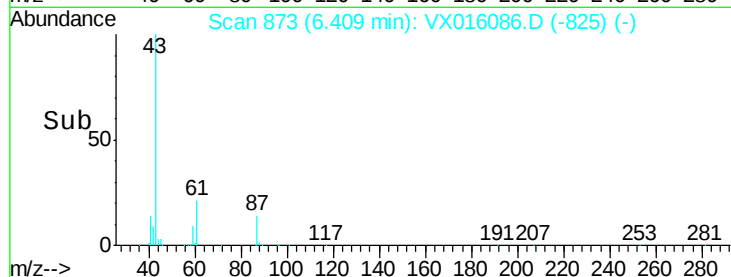
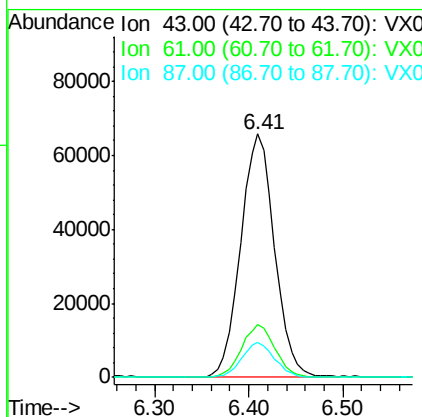
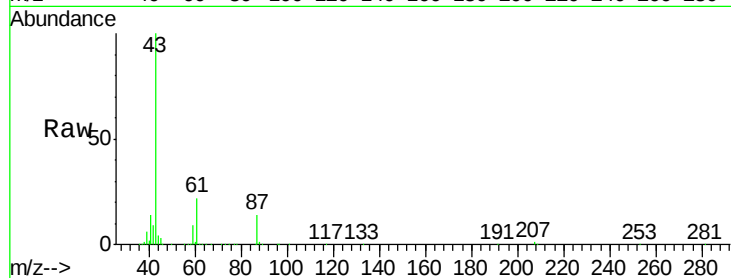
#43
Isopropyl Acetate
Concen: 19.204 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.0	25.4
87	14.0	11.0	16.6

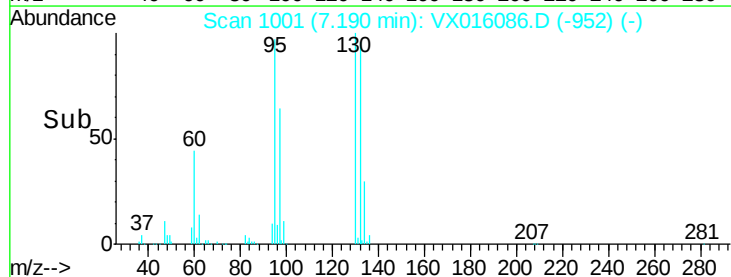
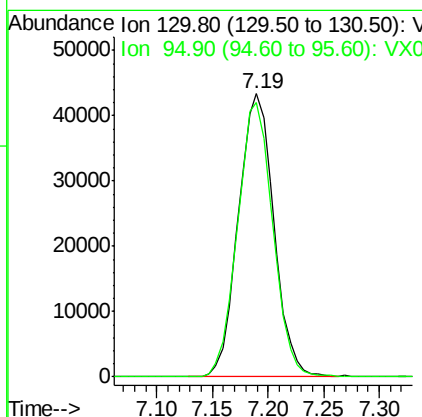
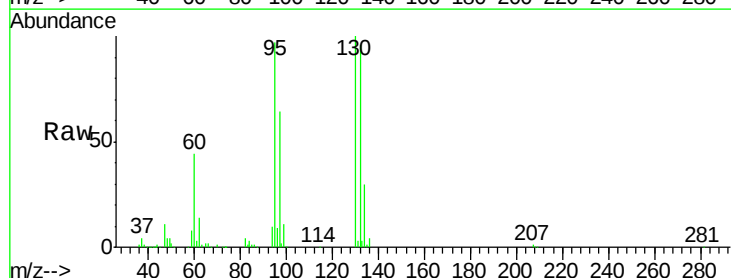
Manual Integrations
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5/8/2020 11:51:26 AM



#44
Trichloroethene
Concen: 19.965 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	197.4





#45

1,2-Dichloropropane

Concen: 19.497 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion: 63 Resp: 66923

Ion Ratio Lower Upper

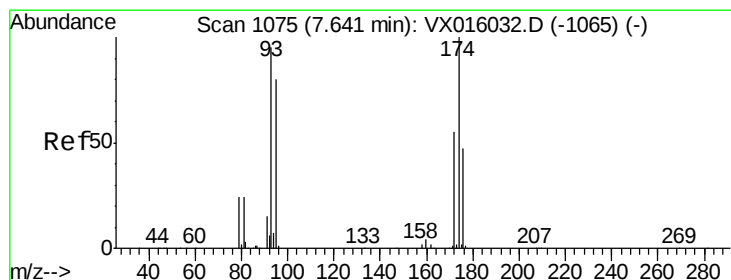
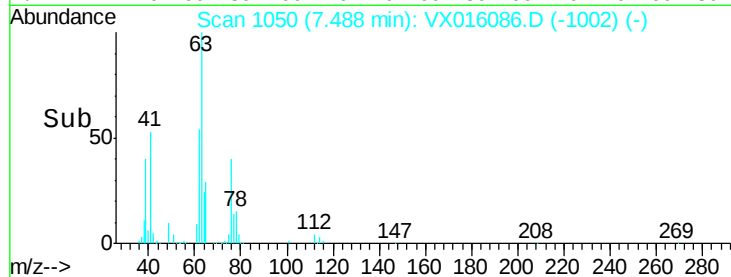
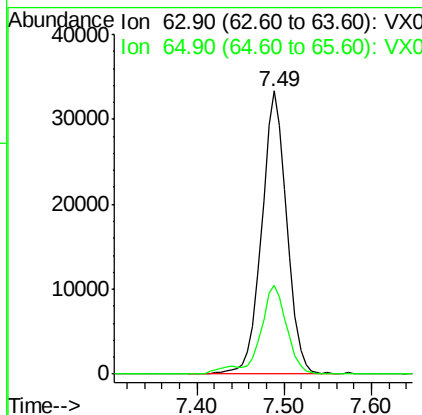
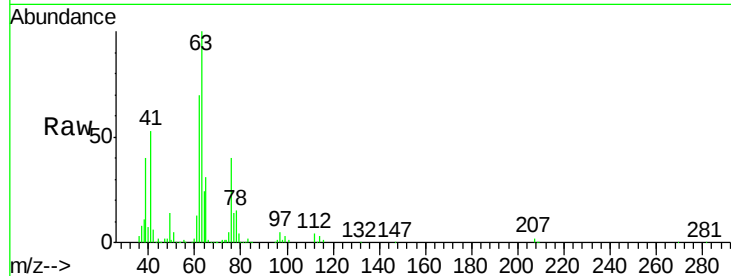
63 100

65 31.4 24.4 36.6

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#46

Dibromomethane

Concen: 19.241 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

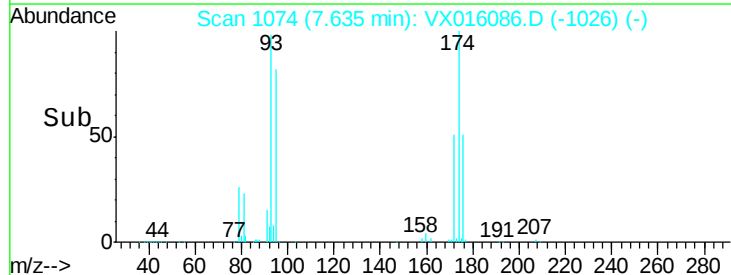
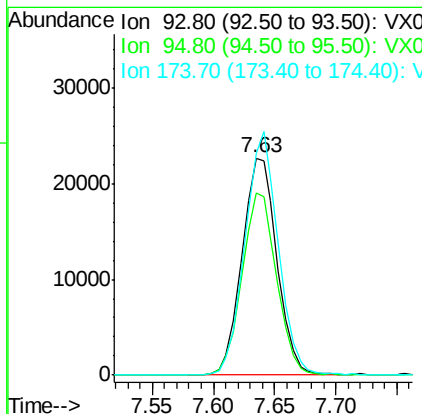
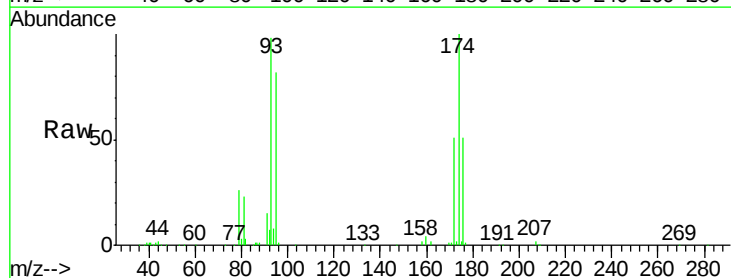
Tgt Ion: 93 Resp: 44882

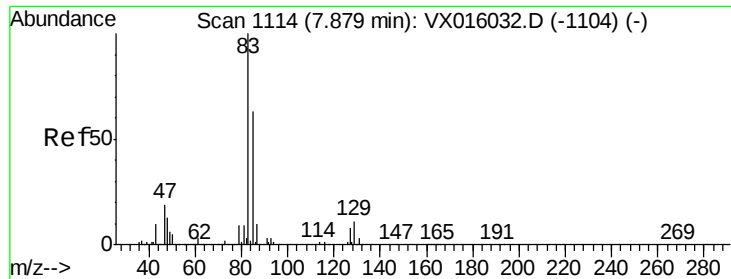
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 107.0 84.2 126.4





#47

Bromodichloromethane

Concen: 19.320 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

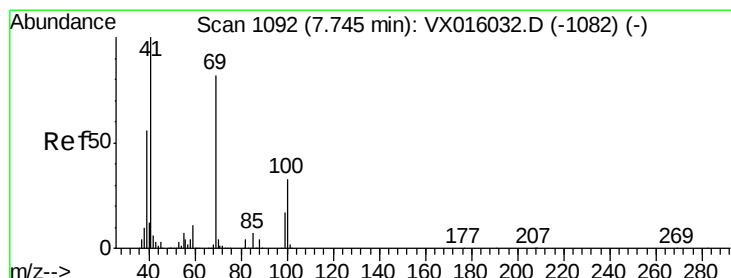
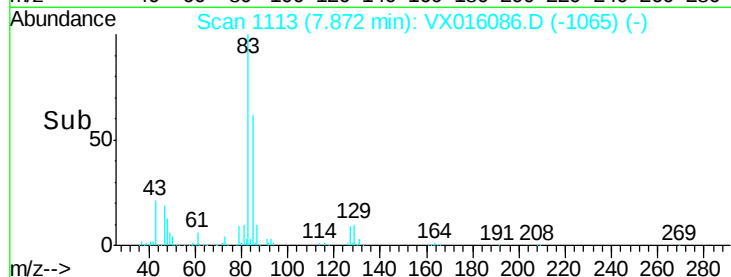
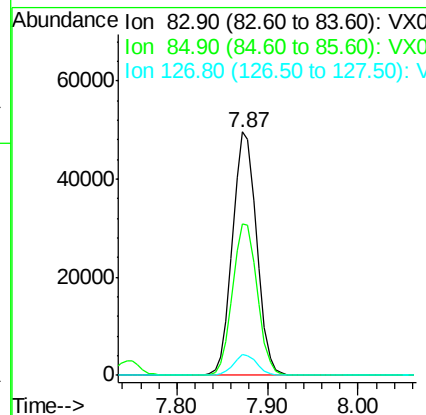
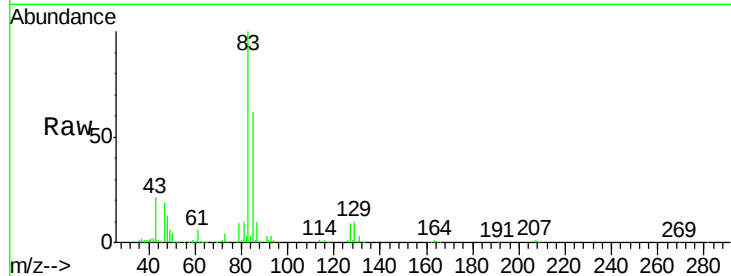
ClientSampleId :

VX0507WBSD01

Tot Ion:	83	Resp:	91783
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.5	75.7
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.878 ug/l

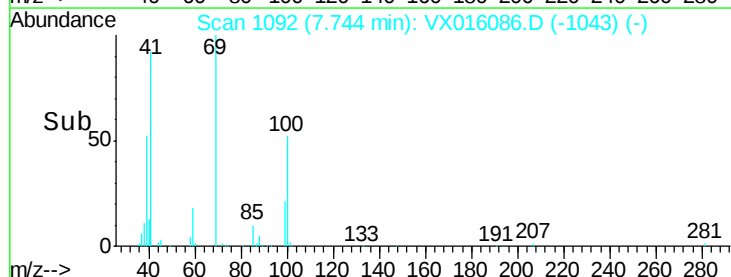
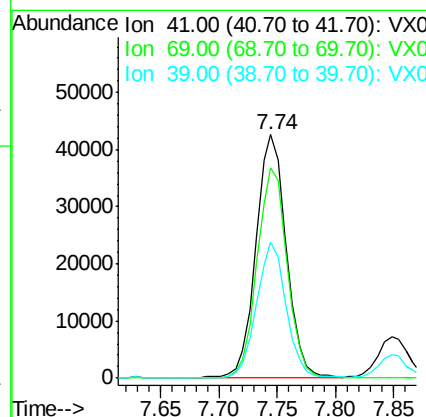
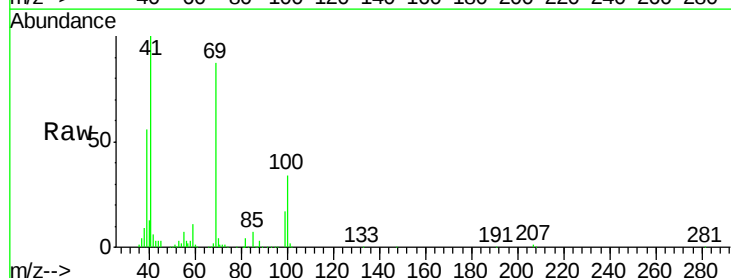
RT: 7.74 min Scan# 1092

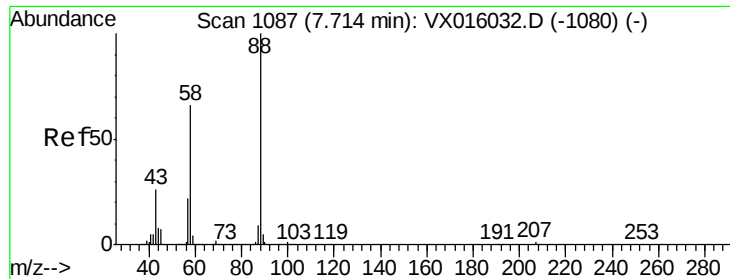
Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:	41	Resp:	76694
Ion	Ratio	Lower	Upper
41	100		
69	86.5	67.8	101.6
39	54.5	44.6	67.0





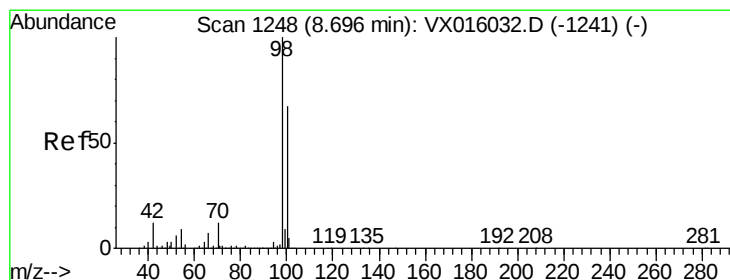
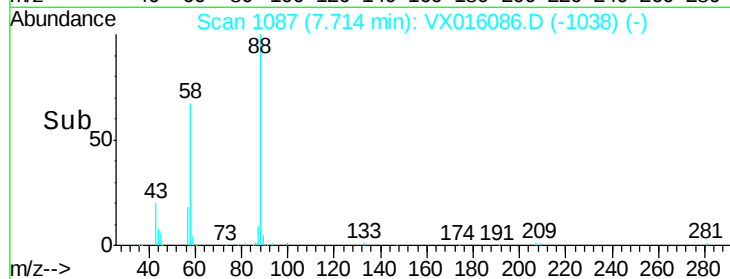
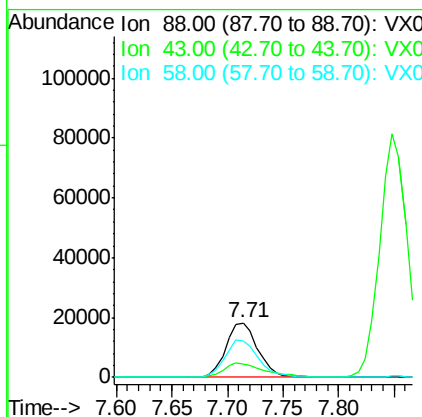
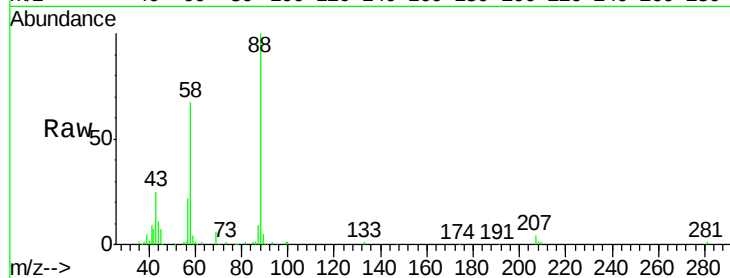
#49
1,4-Dioxane
Concen: 374.002 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampled :
VX0507WBSD01

Tot Ion	88	Resp	36441
Ion Ratio	Lower	Upper	
88	100		
43	31.1	25.3	37.9
58	70.5	55.9	83.9

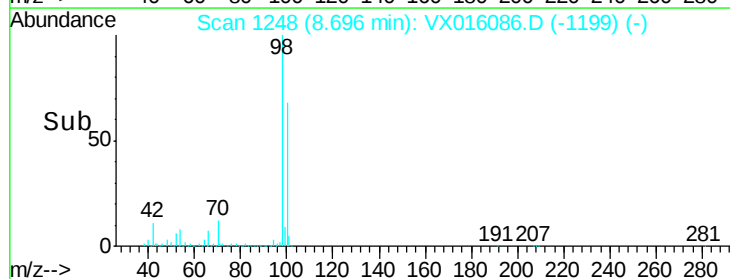
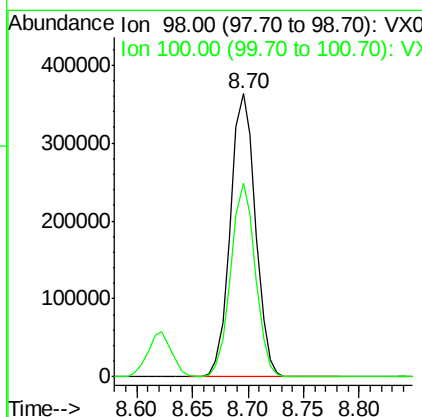
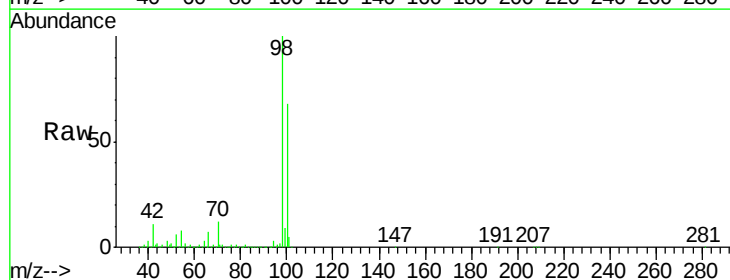
Manual Integrations
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#50
Toluene-d8
Concen: 49.330 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	98	Resp	567162
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 97.512 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampled :

VX0507WBSD01

Tot Ion: 43 Resp: 511605

Ion Ratio Lower Upper

43 100

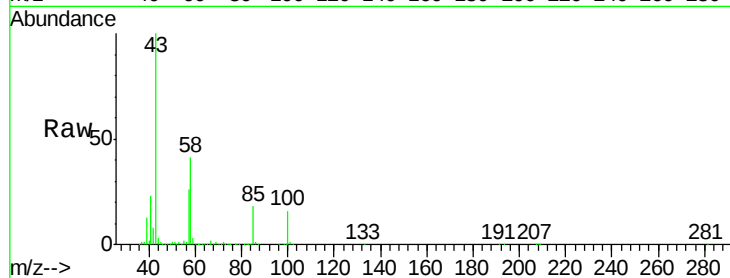
58 41.4 33.0 49.4

Manual Integrations

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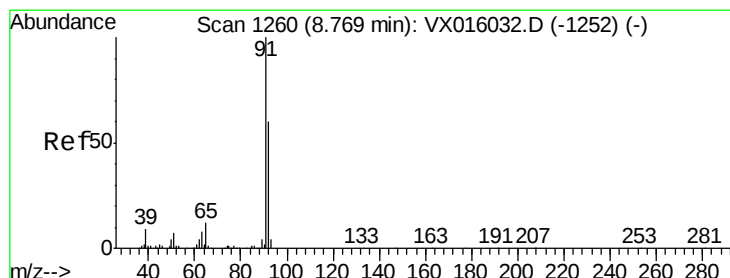
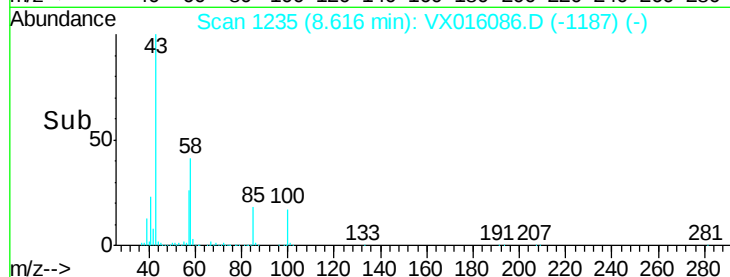
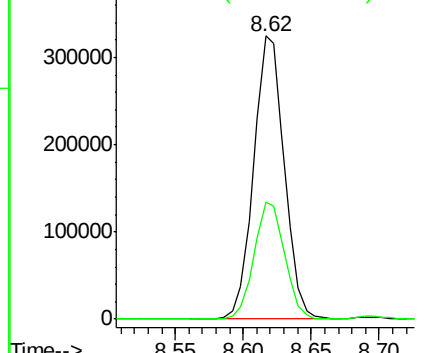
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.360 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016086.D

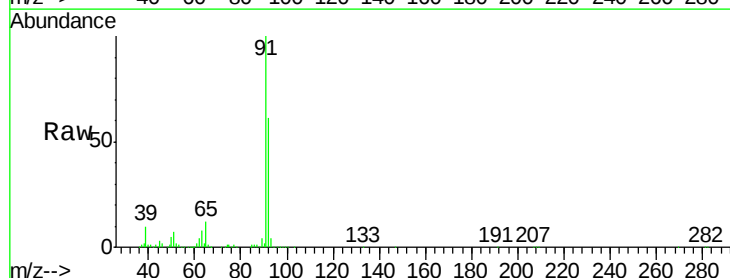
Acq: 07 May 2020 11:34

Tgt Ion: 92 Resp: 163698

Ion Ratio Lower Upper

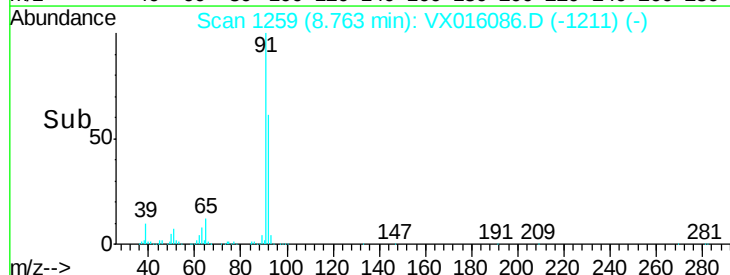
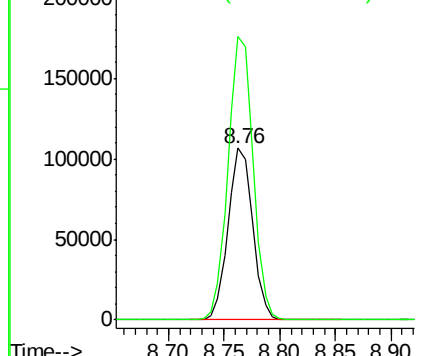
92 100

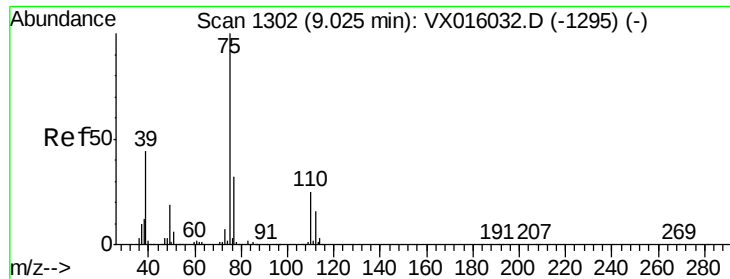
91 167.4 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





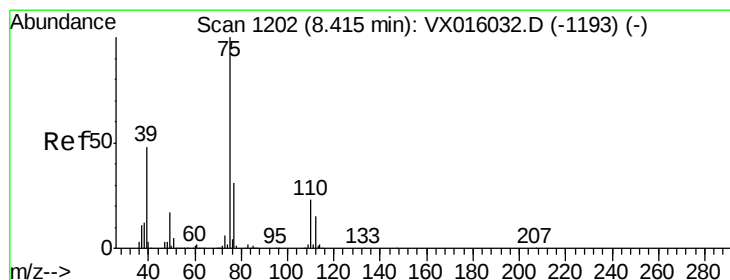
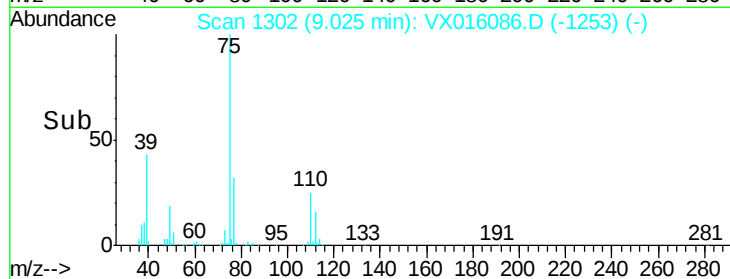
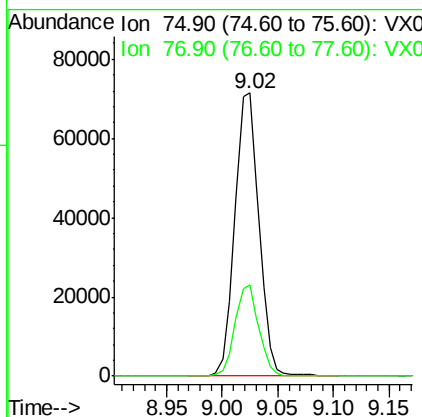
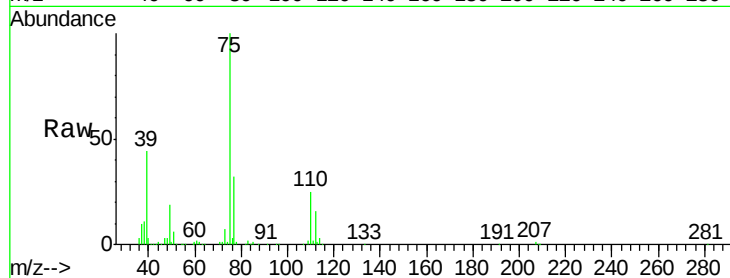
#53
t-1,3-Dichloropropene
Concen: 18.948 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion: 75 Resp: 107331
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5

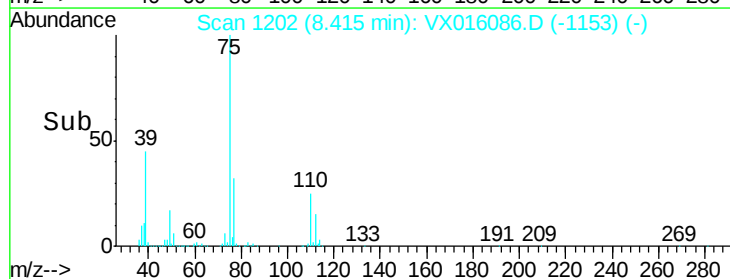
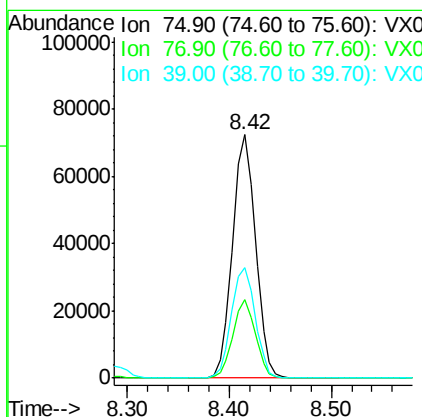
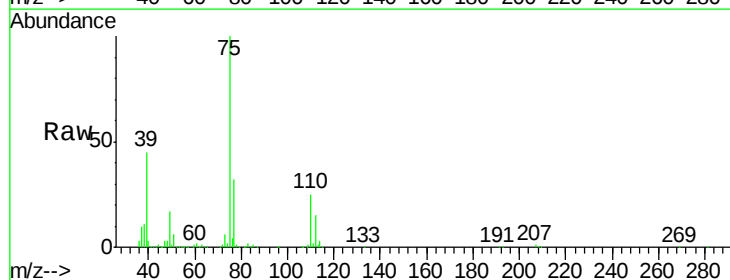
Manual Integrations
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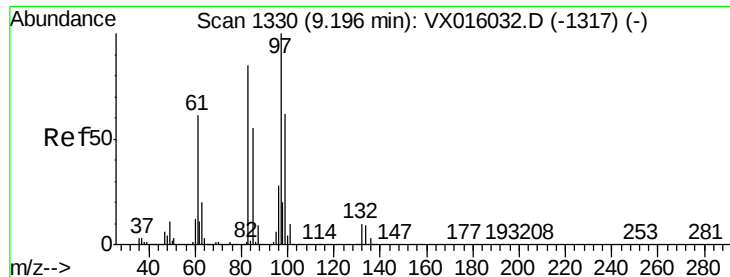
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.116 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 75 Resp: 113098
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1
39 45.4 38.7 58.1





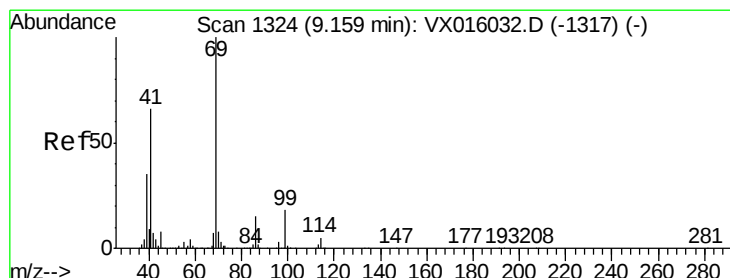
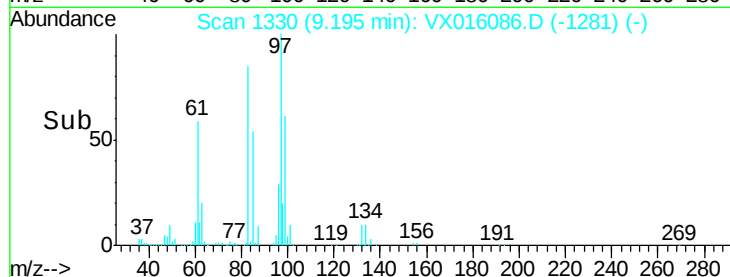
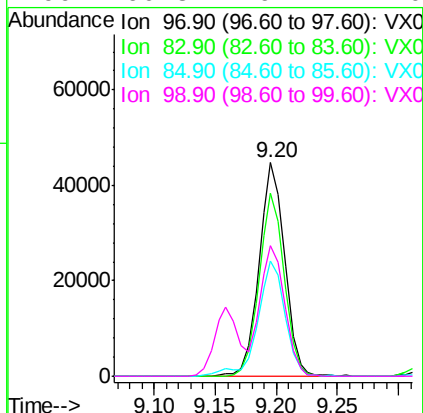
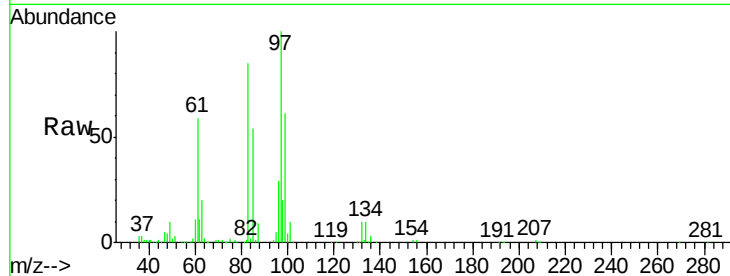
#55
 1,1,2-Trichloroethane
 Concen: 19.706 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.8	101.8
85	53.9	43.8	65.8
99	60.8	49.4	74.0

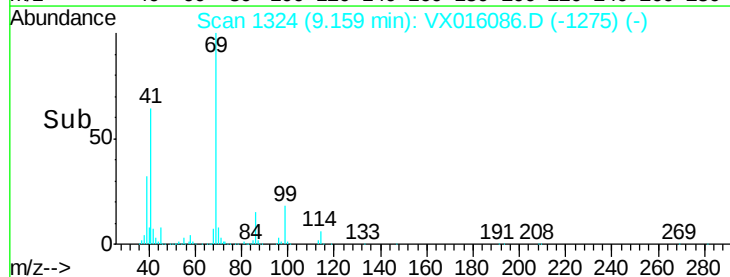
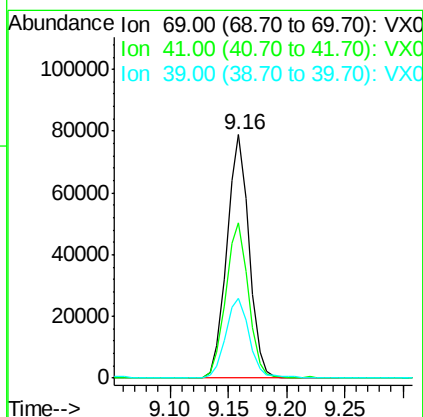
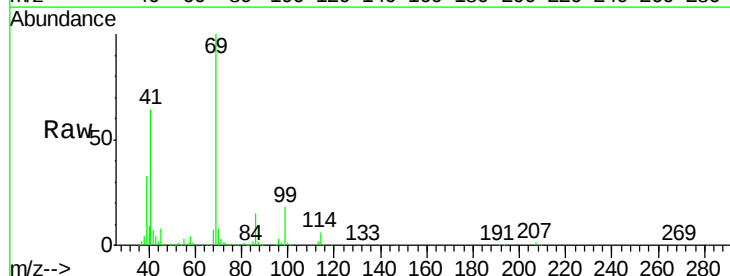
Manual Integrations
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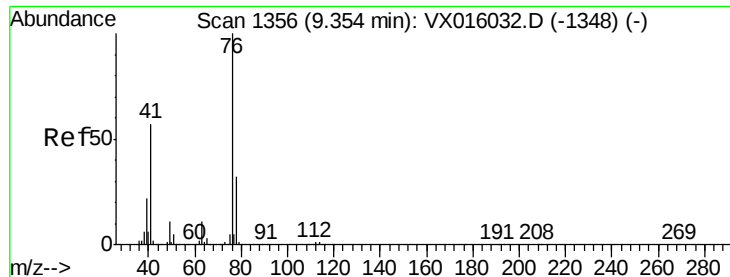
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#56
 Ethyl methacrylate
 Concen: 19.257 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.2	78.4
39	34.5	28.2	42.4





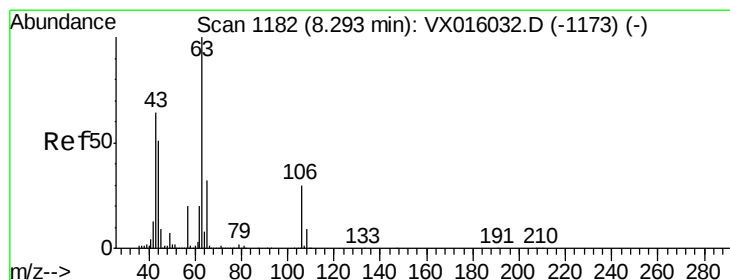
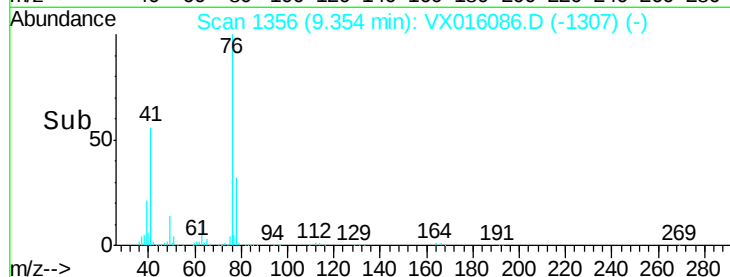
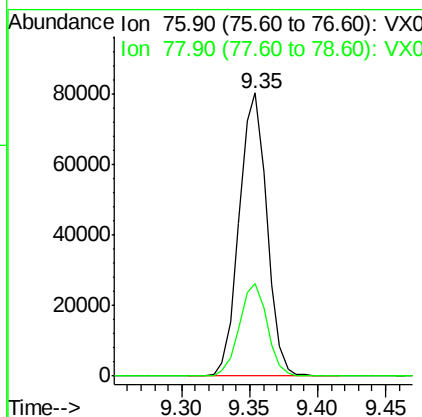
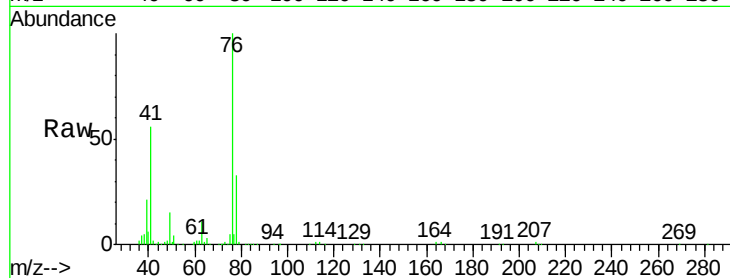
#57
 1,3-Dichloropropane
 Concen: 19.656 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.9	38.9

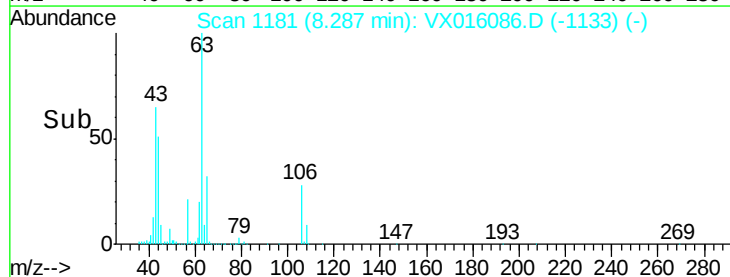
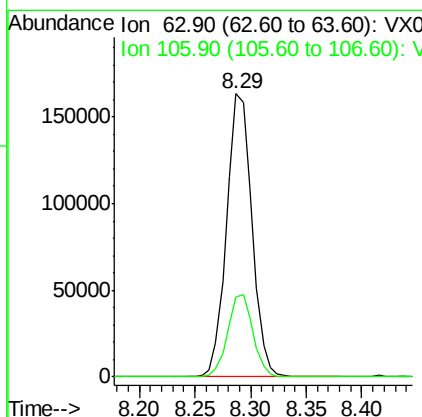
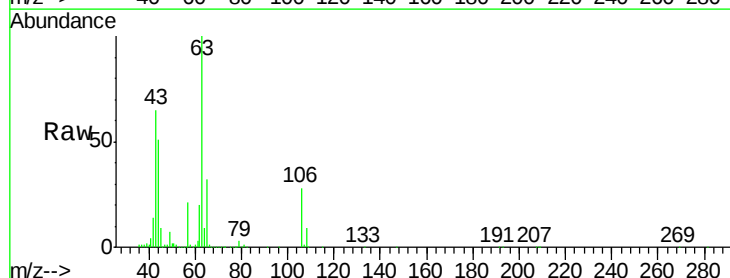
Manual Integrations
 APPROVED

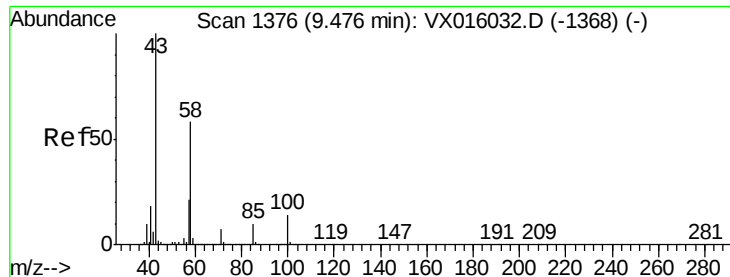
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 89.179 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	23.4	35.2





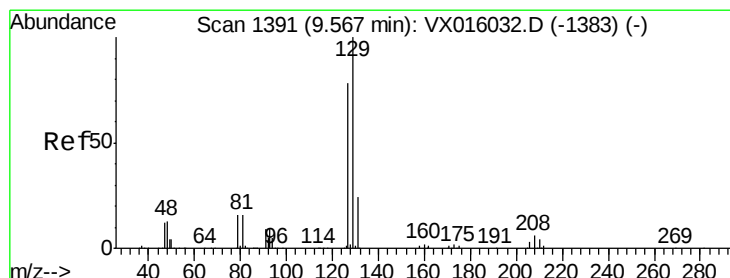
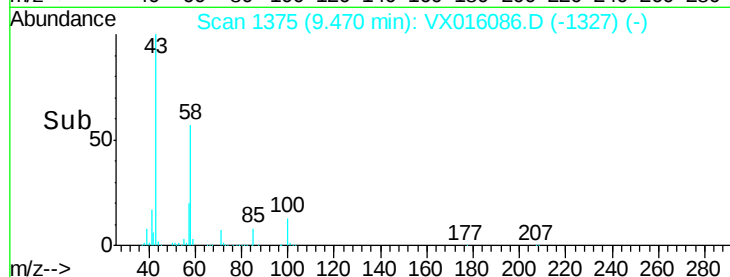
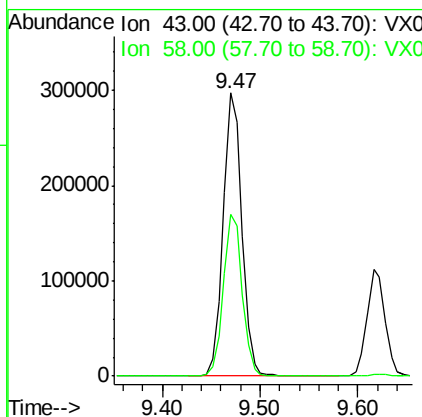
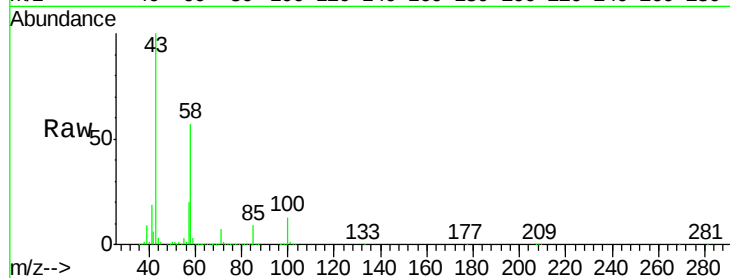
#59
2-Hexanone
Concen: 95.589 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion: 43 Resp: 393855
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.9

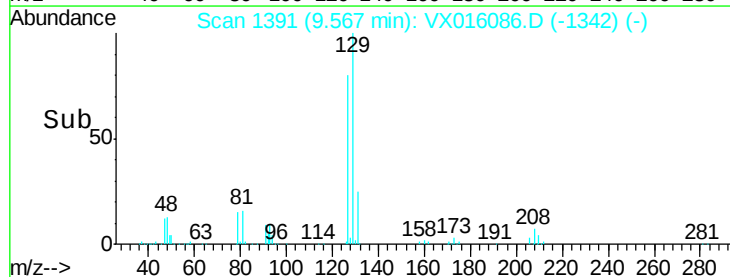
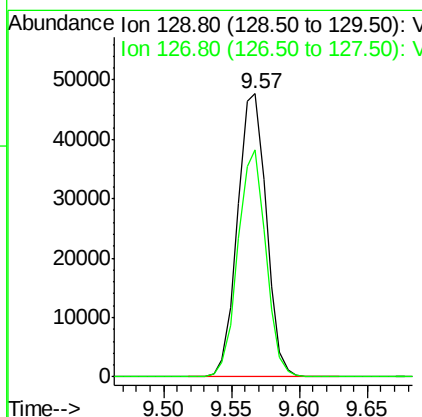
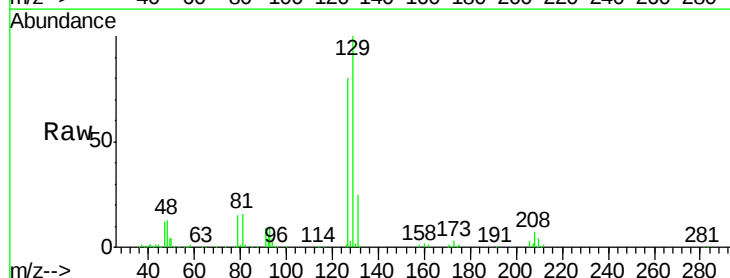
Manual Integrations
APPROVED

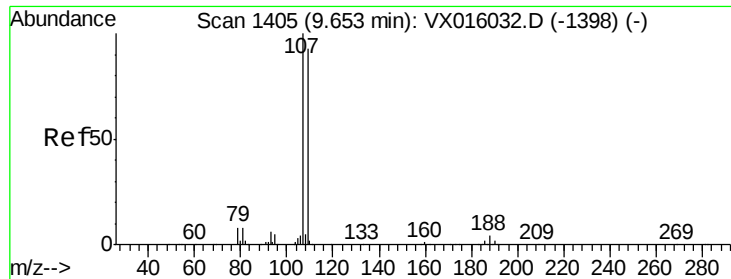
MMDadoda
5/8/2020 11:51:26 AM



#60
Dibromochloromethane
Concen: 19.308 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion: 129 Resp: 70744
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





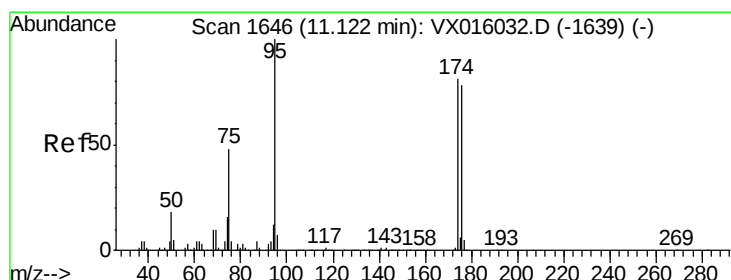
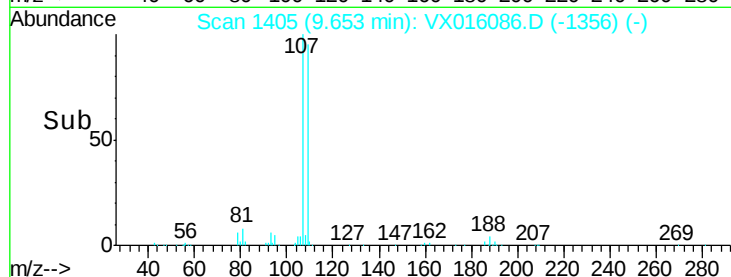
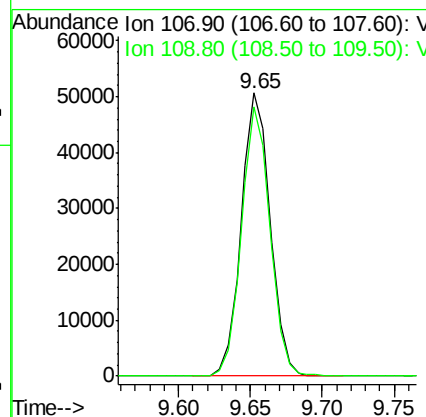
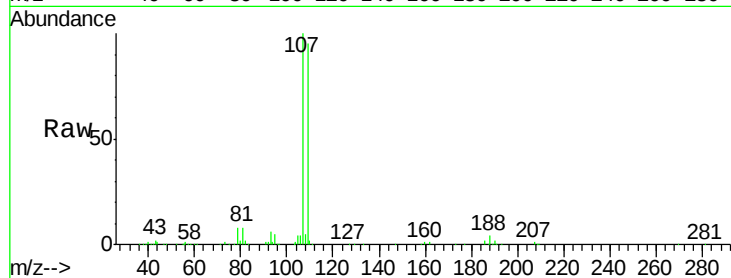
#61
 1,2-Dibromoethane
 Concen: 19.617 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.9	112.3

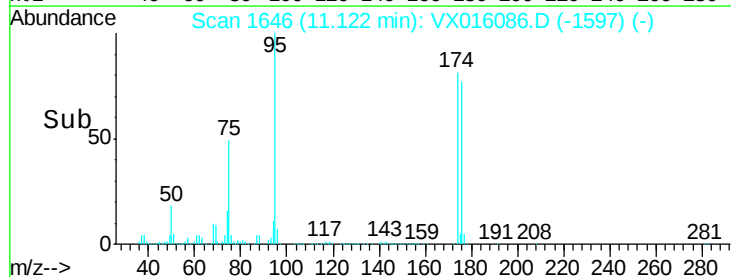
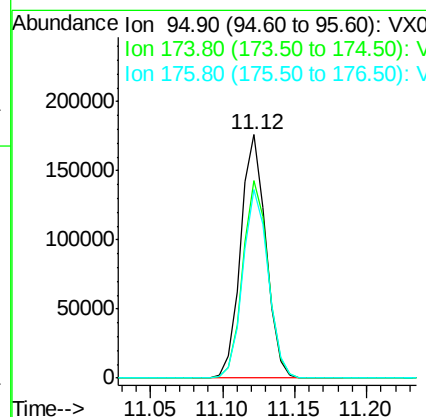
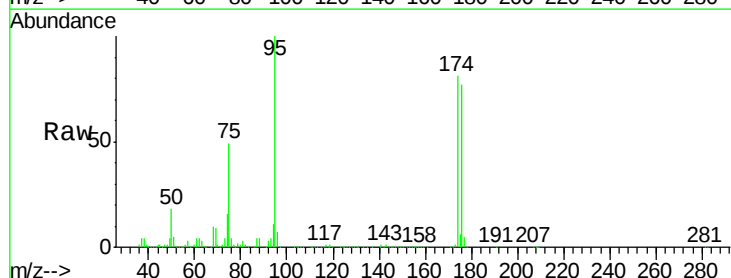
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#62
 4-Bromofluorobenzene
 Concen: 49.271 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	159.4
176	77.8	0.0	157.6





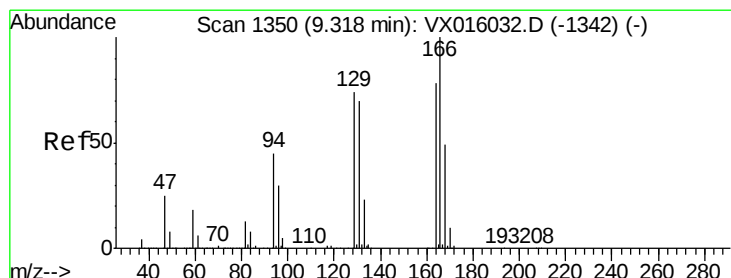
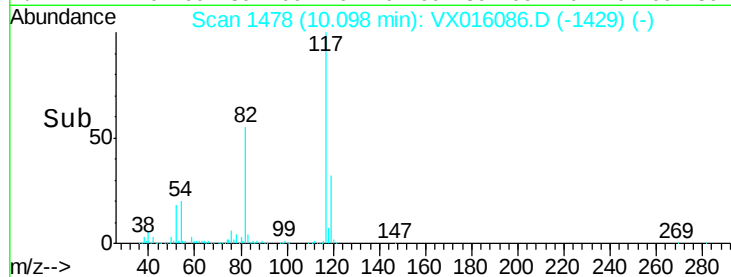
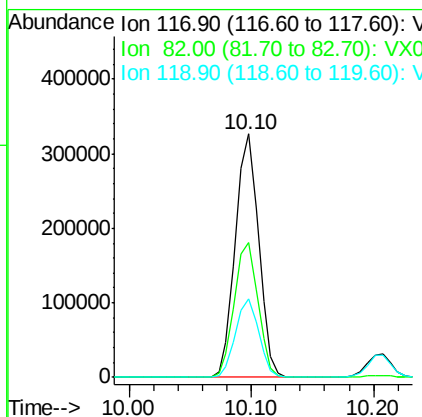
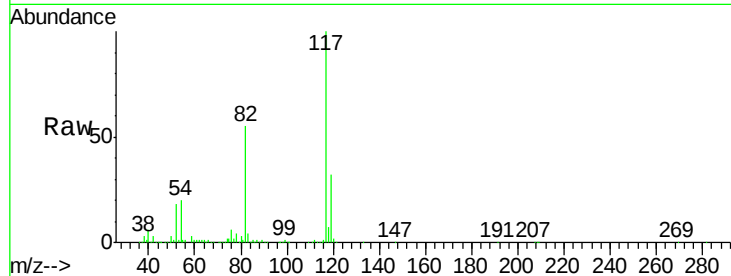
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	431803		
82	55.1	44.4	66.6	
119	32.1	25.5	38.3	

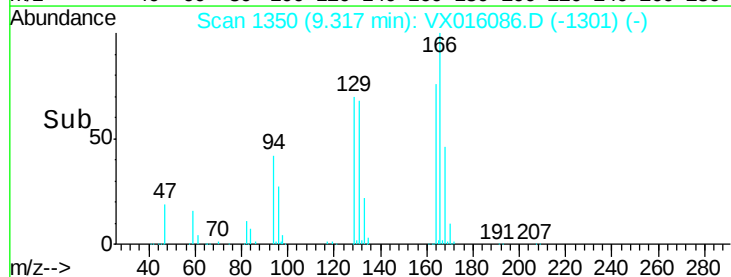
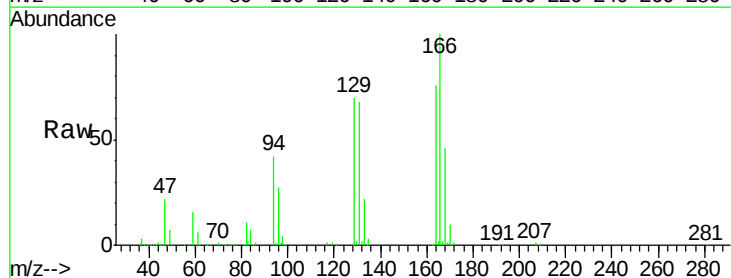
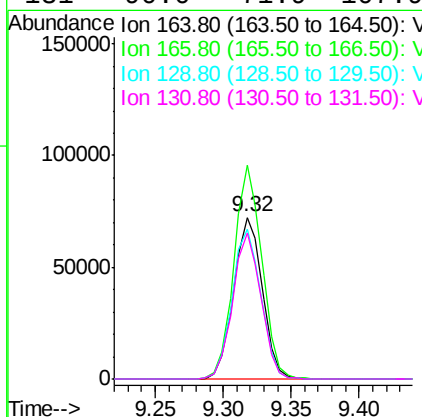
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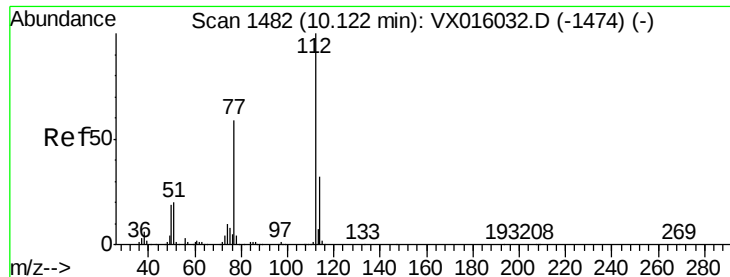
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#64
Tetrachloroethene
Concen: 19.924 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105617		
166	132.3	102.9	154.3	
129	93.0	76.1	114.1	
131	90.0	71.9	107.9	





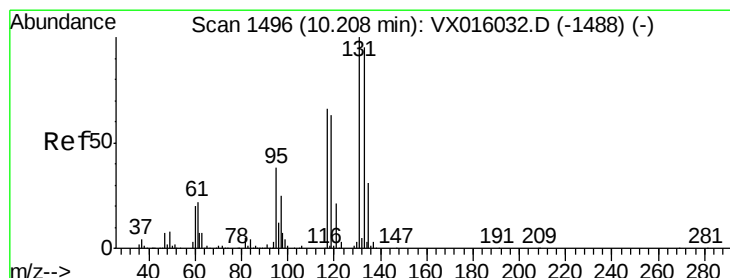
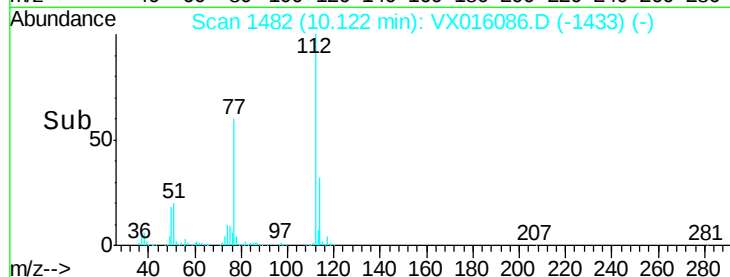
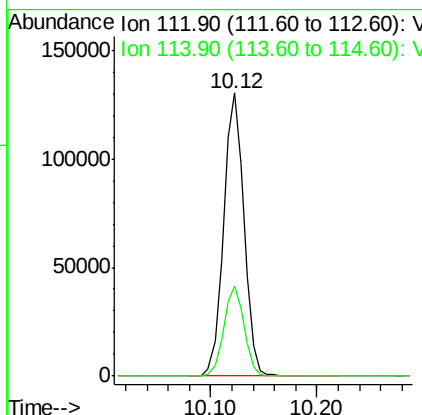
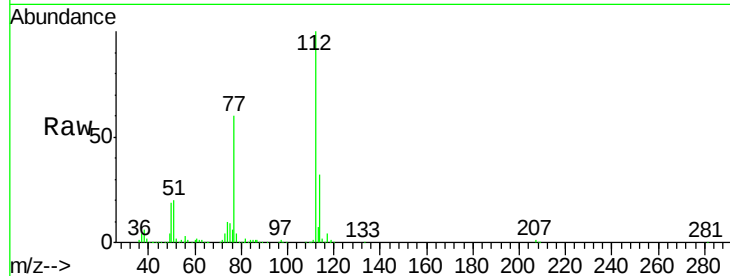
#65
Chlorobenzene
Concen: 19.219 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion:112 Resp: 173768
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

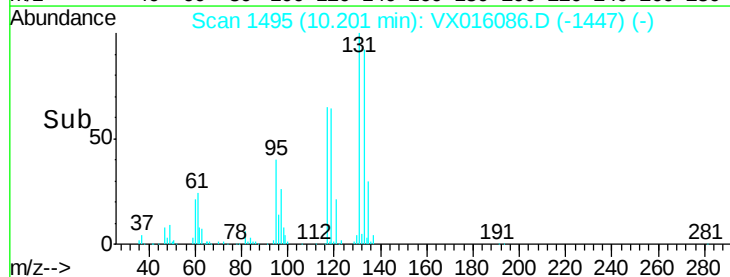
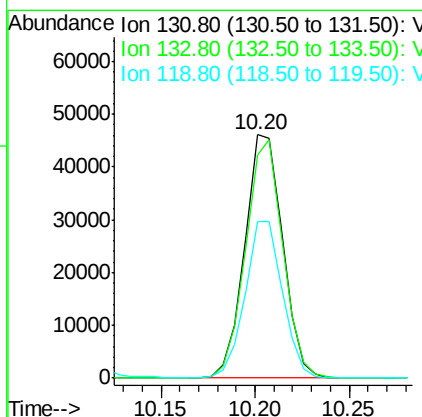
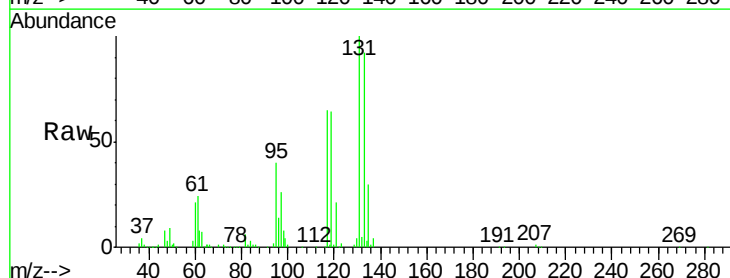
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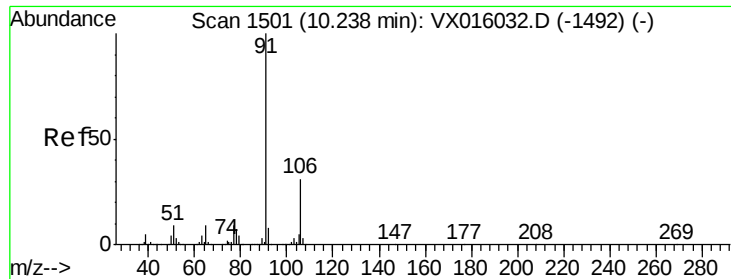
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.291 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion:131 Resp: 64468
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 63.4 32.3 96.9





#67

Ethyl Benzene

Concen: 19.119 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion: 91 Resp: 308438

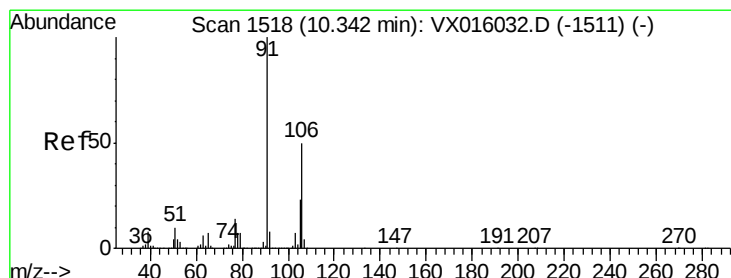
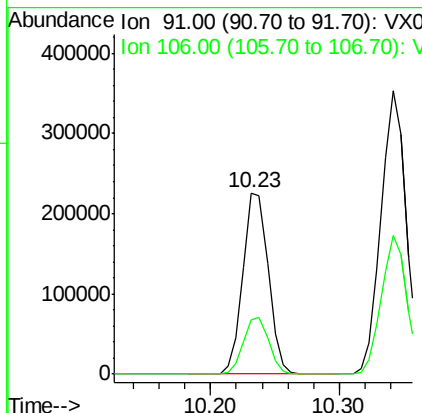
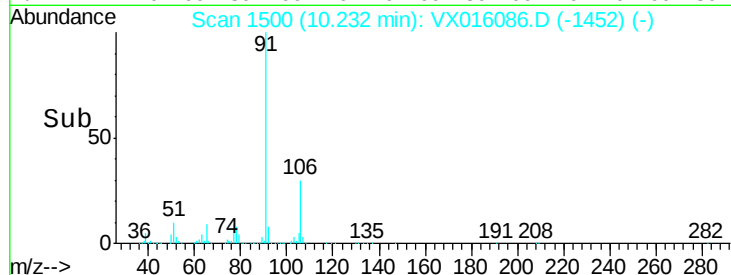
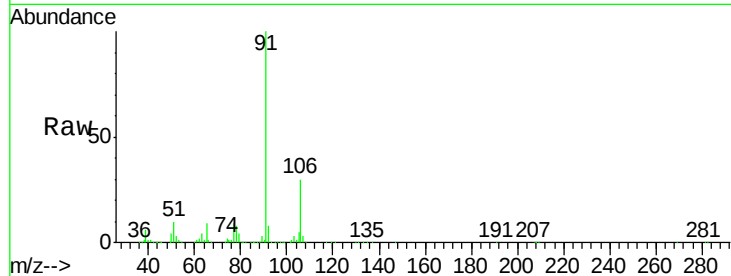
Ion Ratio Lower Upper

91 100

106 30.2 25.1 37.7

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#68

m/p-Xylenes

Concen: 38.905 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016086.D

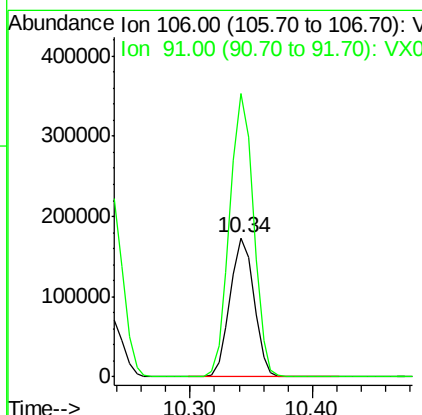
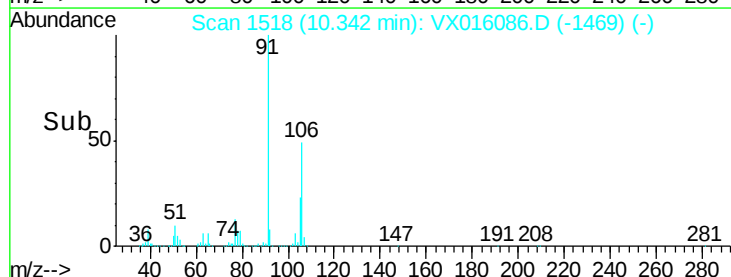
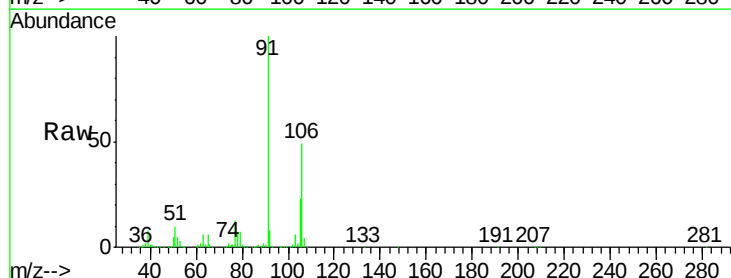
Acq: 07 May 2020 11:34

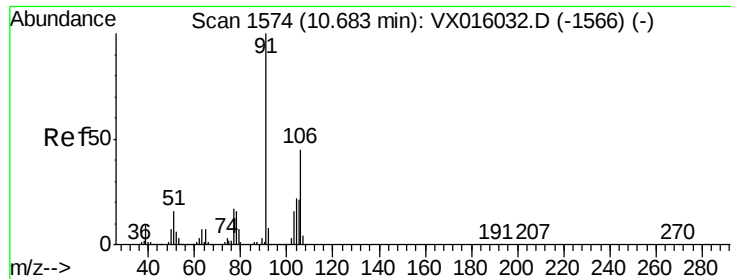
Tgt Ion: 106 Resp: 235145

Ion Ratio Lower Upper

106 100

91 202.8 161.7 242.5





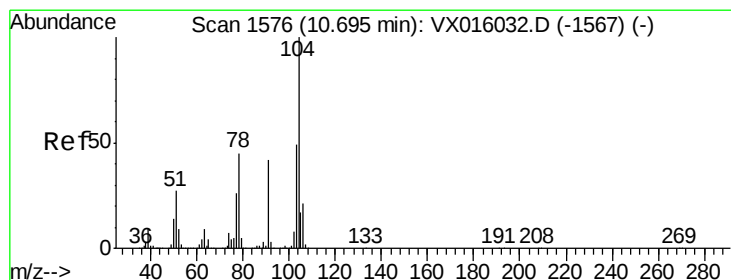
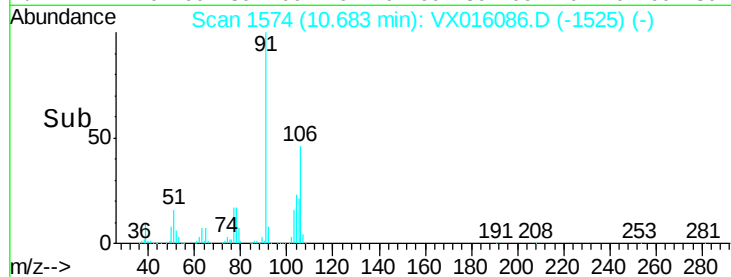
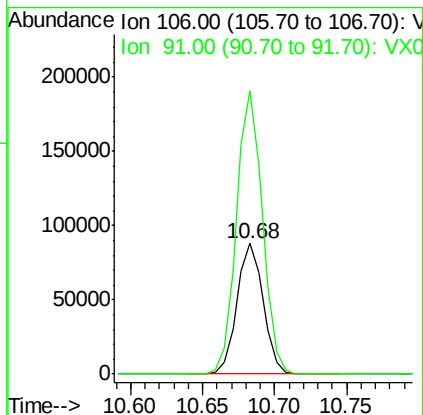
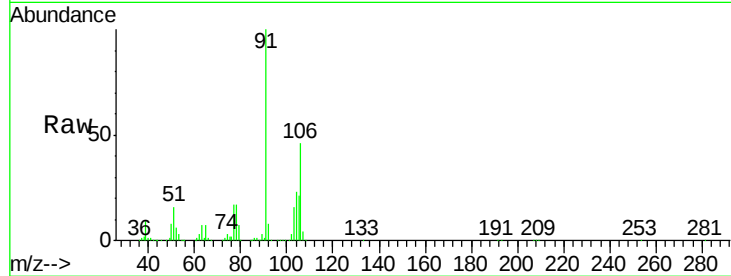
#69
o-Xylene
Concen: 19.228 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampled :
VX0507WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	111711		
91	91	215.2	107.5	322.6	

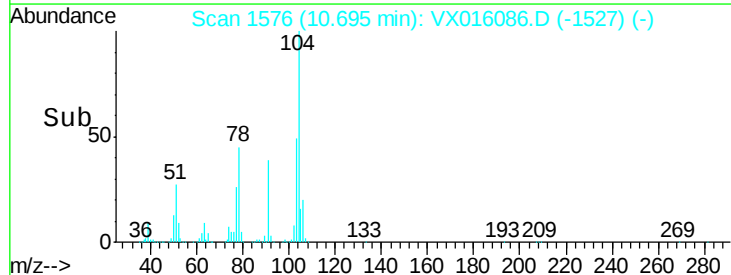
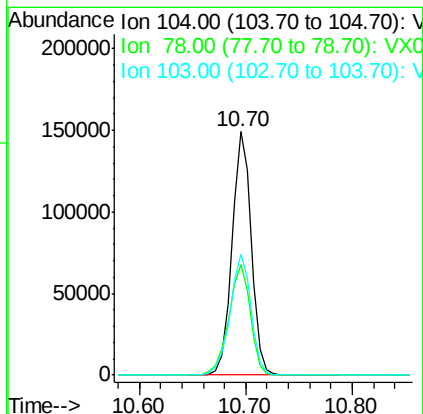
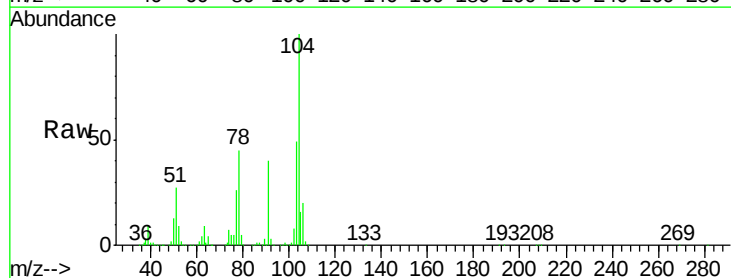
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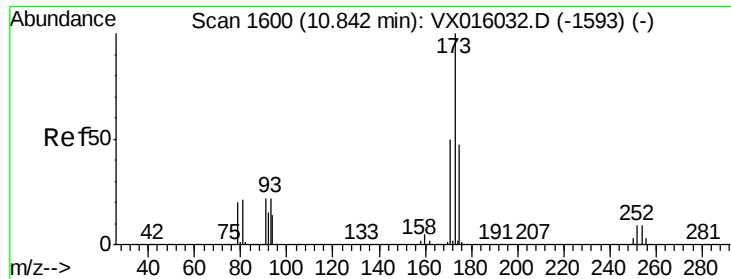
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#70
Styrene
Concen: 19.258 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	189812		
78	78	50.5	40.2	60.2	
103	103	53.8	43.0	64.6	





#71

Bromoform

Concen: 19.541 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion:173 Resp: 53203

Ion Ratio Lower Upper

173 100

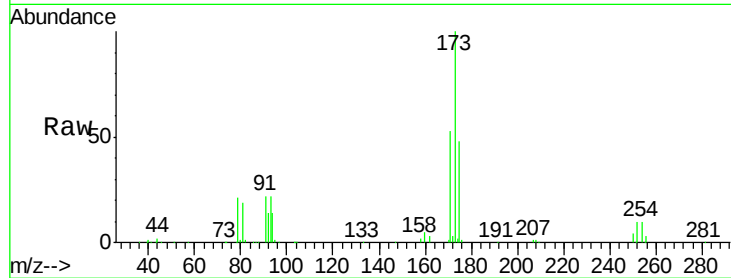
175 47.1 24.0 72.0

254 0.1 0.1 0.1

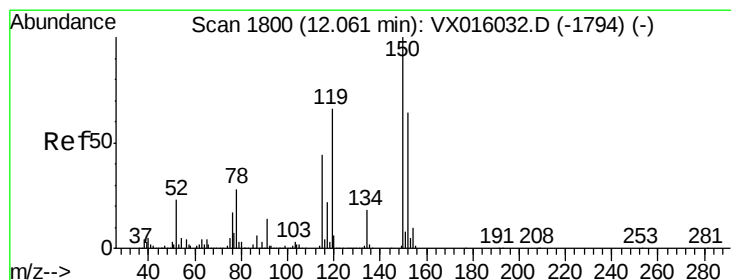
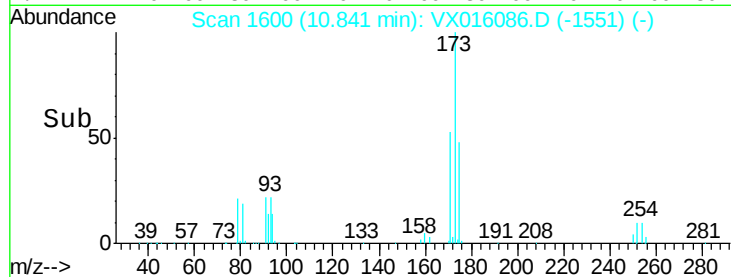
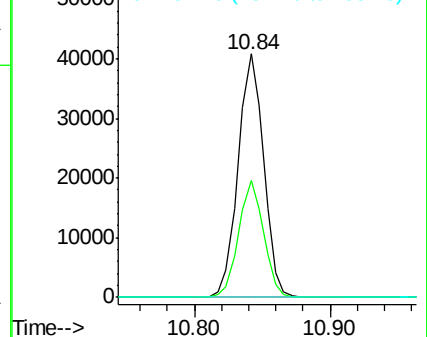
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

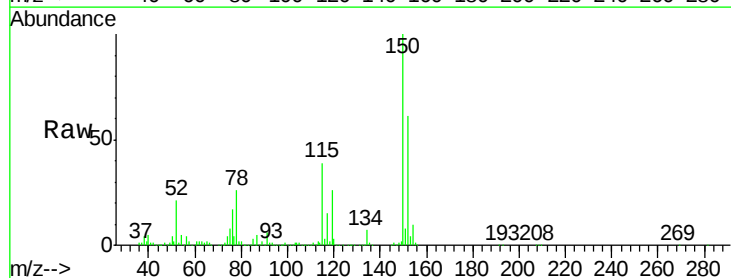
Tgt Ion:152 Resp: 219958

Ion Ratio Lower Upper

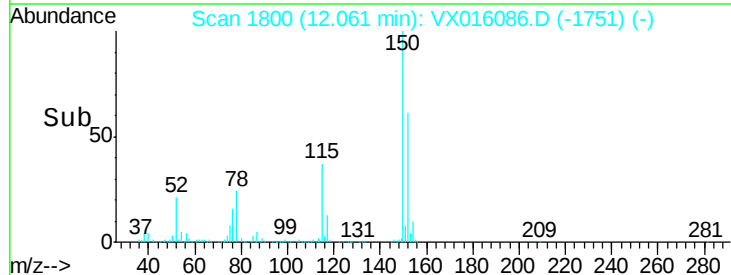
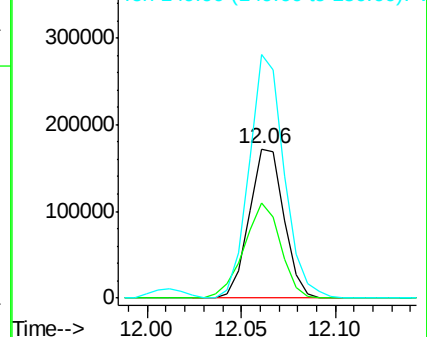
152 100

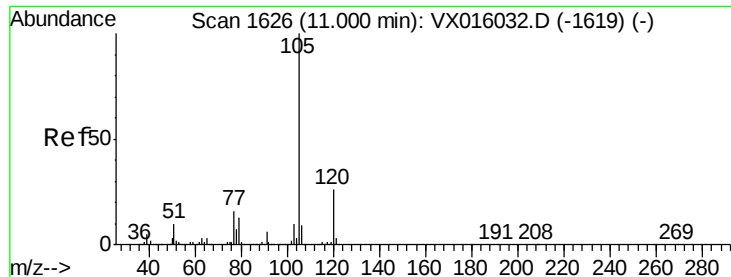
115 67.3 41.3 124.1

150 164.0 0.0 352.2



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: 18.685 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleID :

VX0507WBSD01

Tot Ion:105 Resp: 298932

Ion Ratio Lower Upper

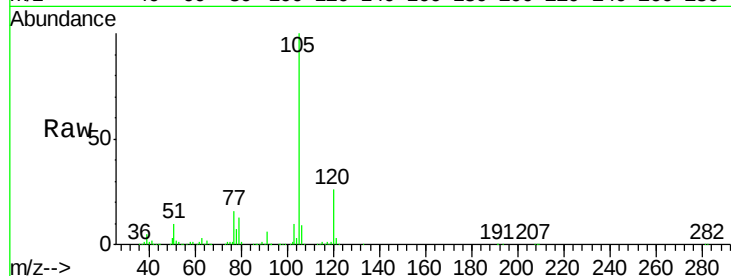
105 100

120 26.8 13.4 40.2

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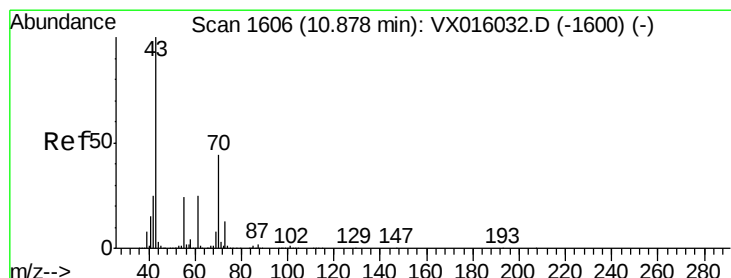
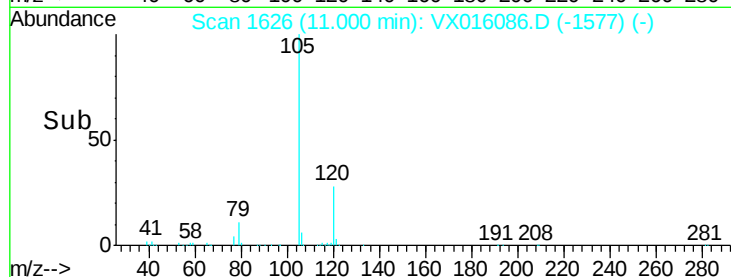
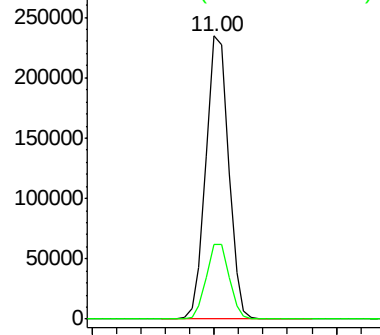
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.365 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion: 43 Resp: 137050

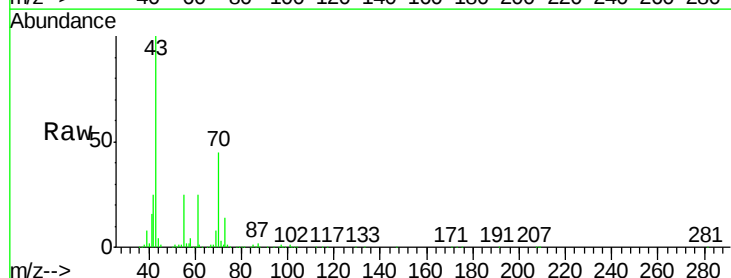
Ion Ratio Lower Upper

43 100

70 46.1 36.5 54.7

55 25.6 19.7 29.5

61 25.8 20.9 31.3

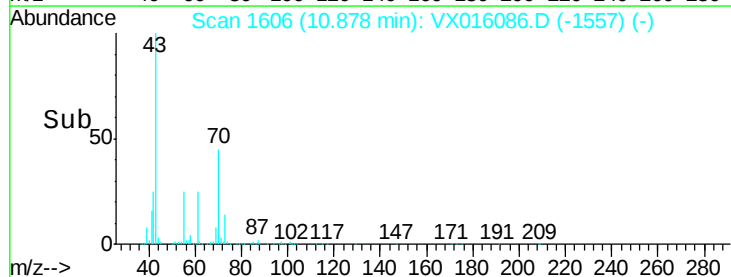
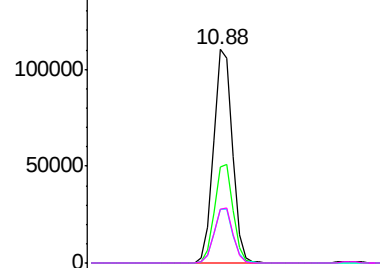


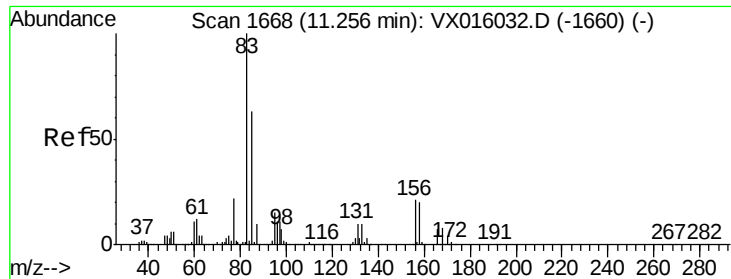
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.972 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

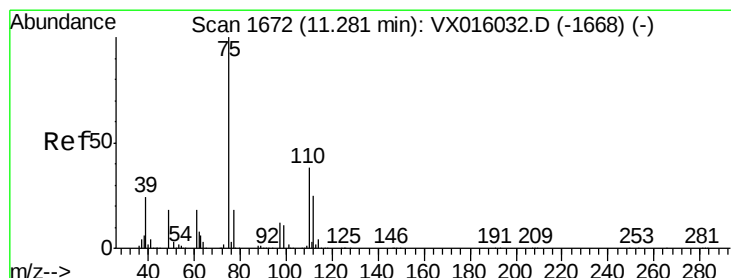
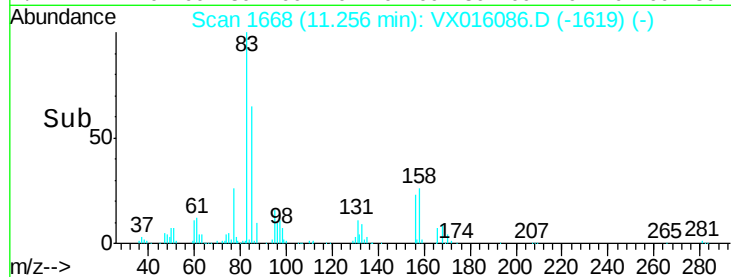
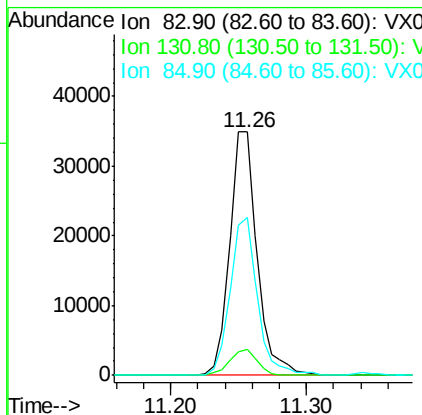
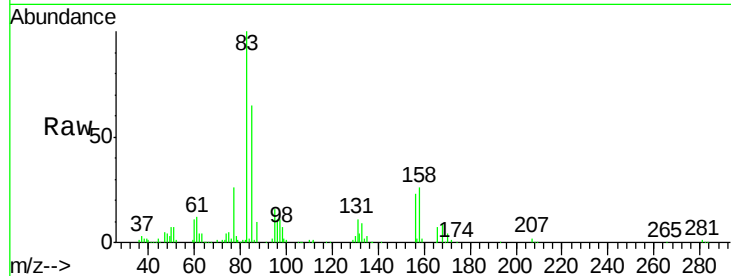
ClientSampleId :

VX0507WBSD01

Tot Ion:	83	Resp:	48997
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.6	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 19.236 ug/l m

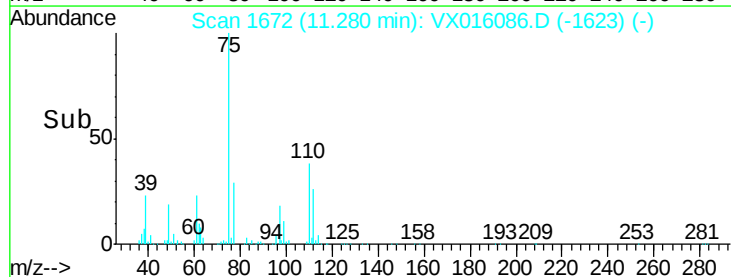
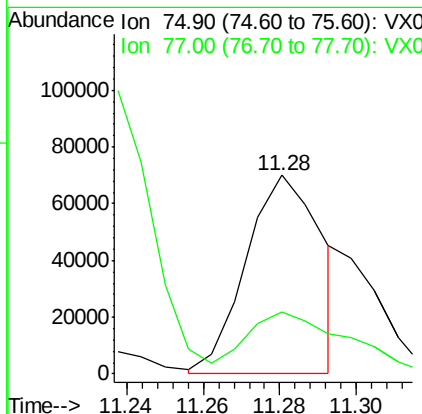
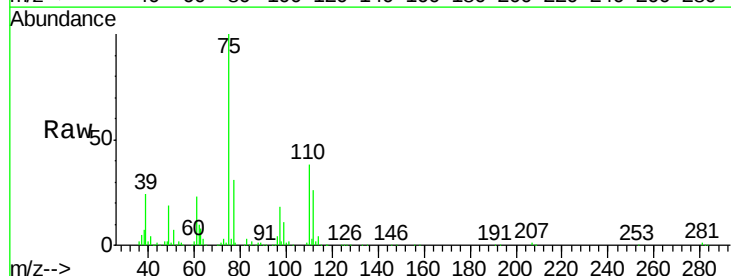
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:	75	Resp:	96015
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.2	63.6





#77

Bromobenzene

Concen: 18.468 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

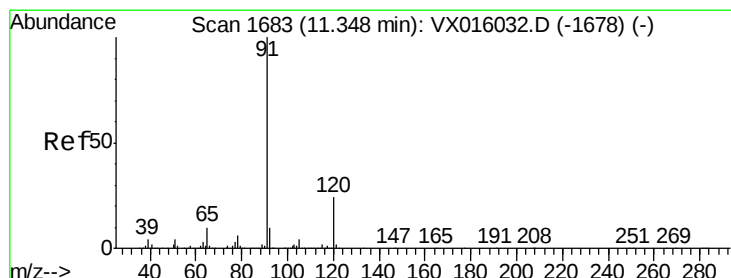
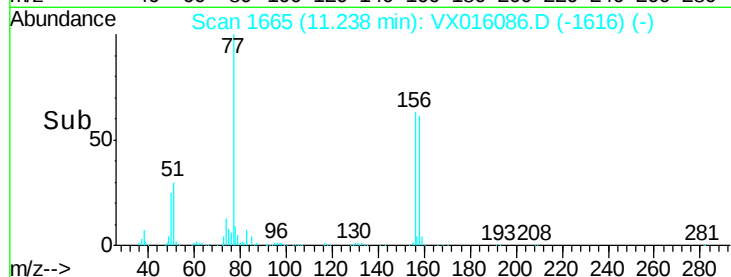
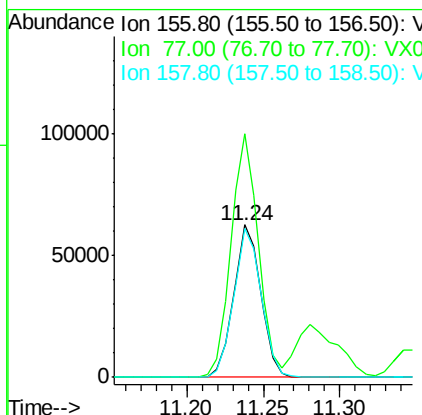
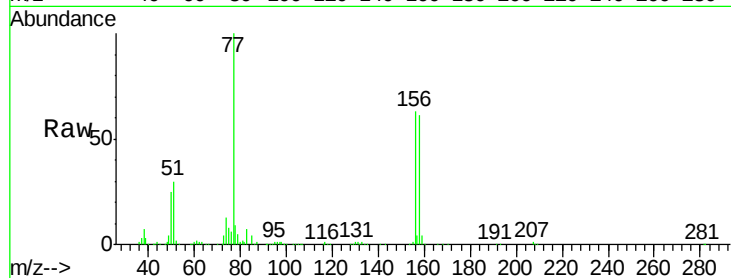
ClientSampled :

VX0507WBSD01

Tot Ion:	156	Resp:	76265
Ion Ratio	Lower	Upper	
156	100		
77	161.0	80.1	240.3
158	99.4	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 18.489 ug/l

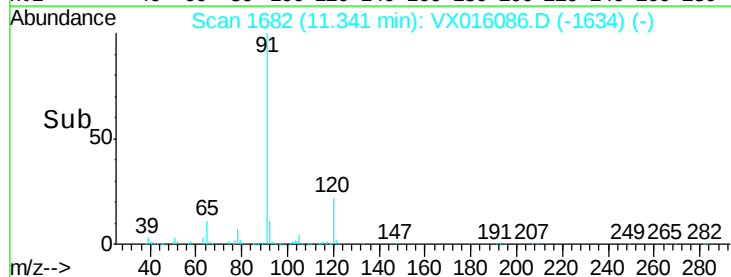
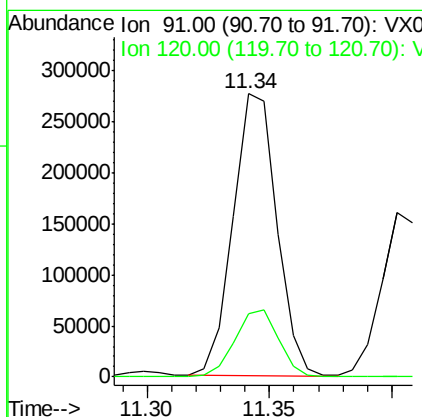
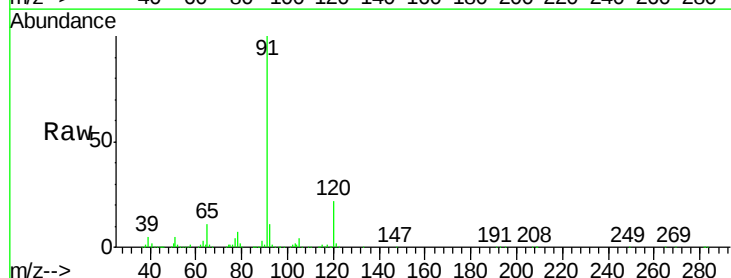
RT: 11.34 min Scan# 1682

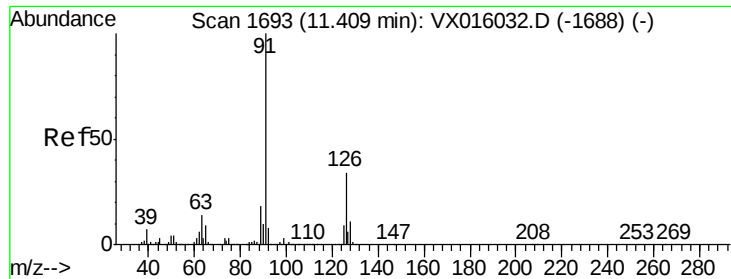
Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:	91	Resp:	344107
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.5	34.5





#79

2-Chlorotoluene

Concen: 18.626 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion: 91 Resp: 204624

Ion Ratio Lower Upper

91 100

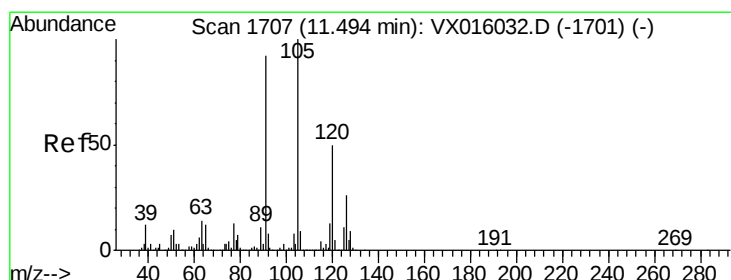
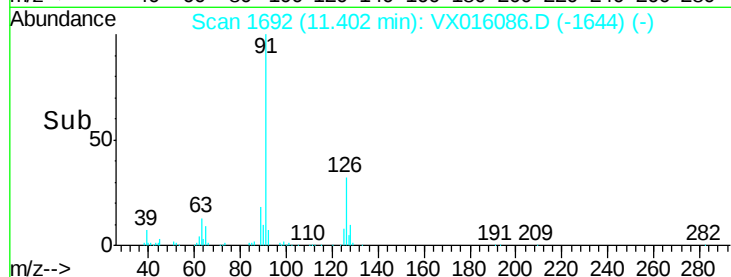
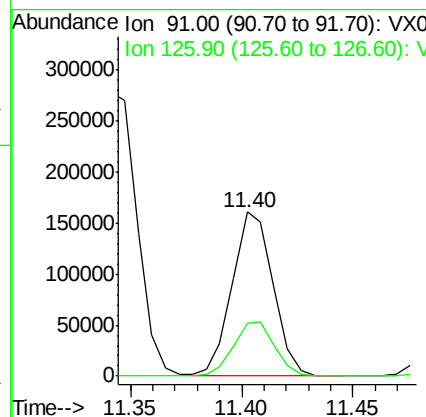
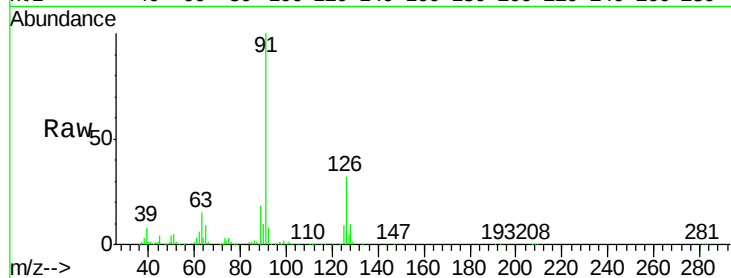
126 33.5 16.9 50.6

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#80

1,3,5-Trimethylbenzene

Concen: 18.940 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016086.D

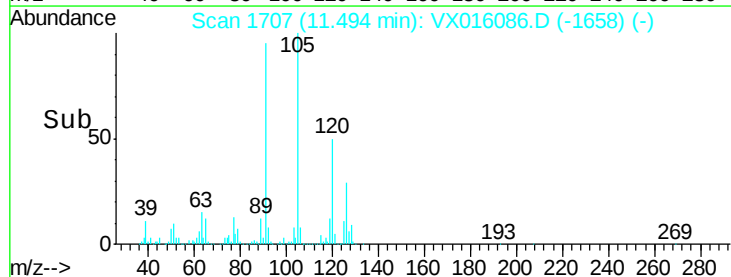
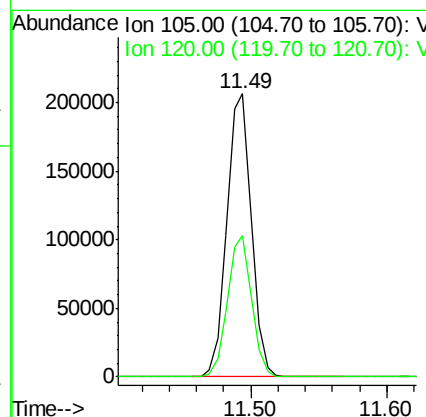
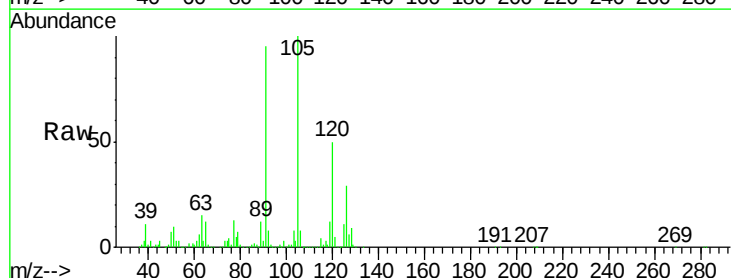
Acq: 07 May 2020 11:34

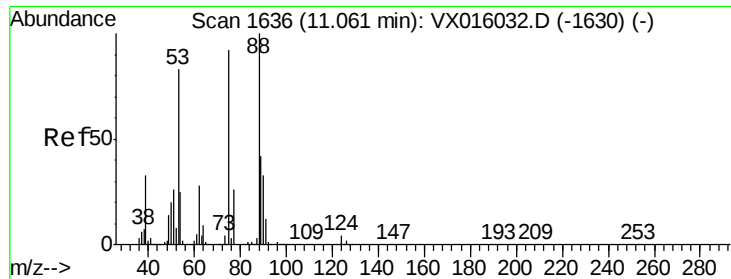
Tgt Ion: 105 Resp: 255843

Ion Ratio Lower Upper

105 100

120 49.2 24.6 74.0





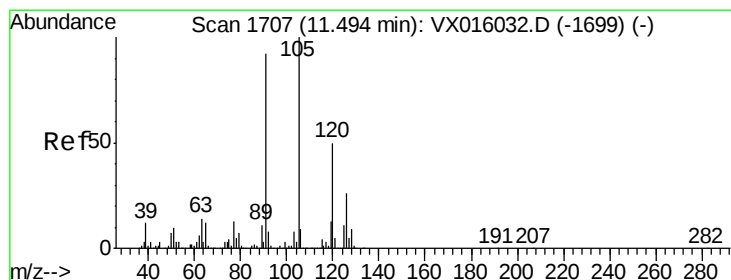
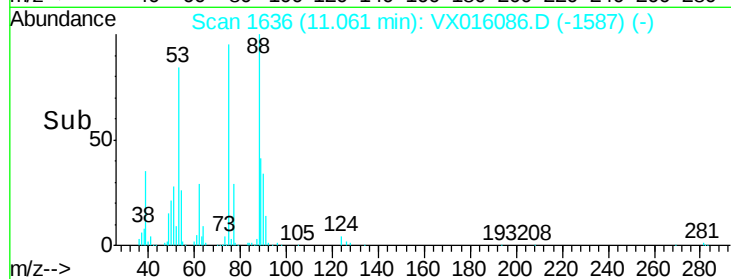
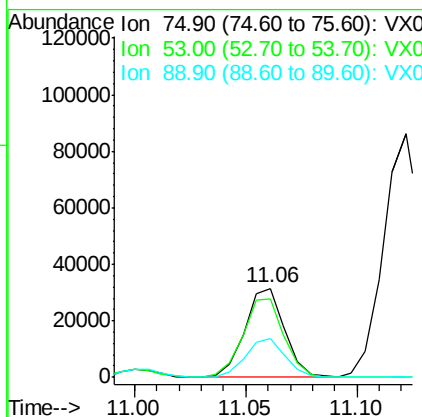
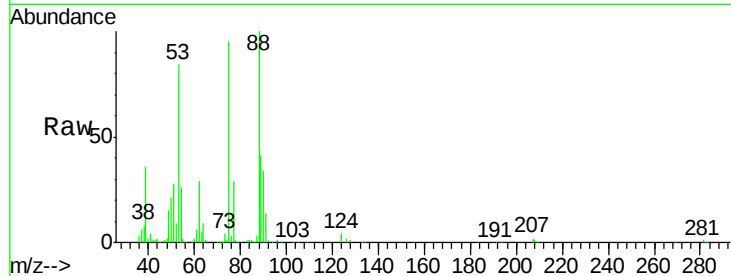
#81
trans-1,4-Dichloro-2-butene
Concen: 18.555 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.1	73.1	109.7
89	44.8	36.7	55.1

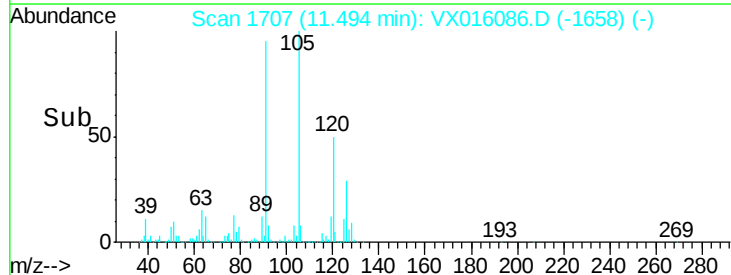
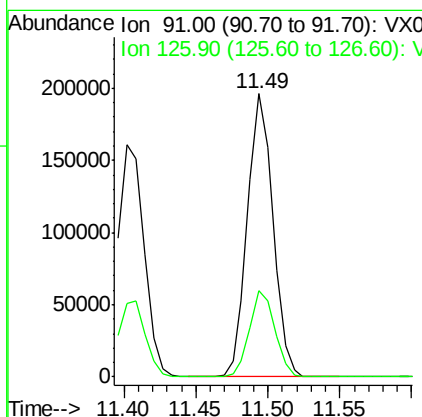
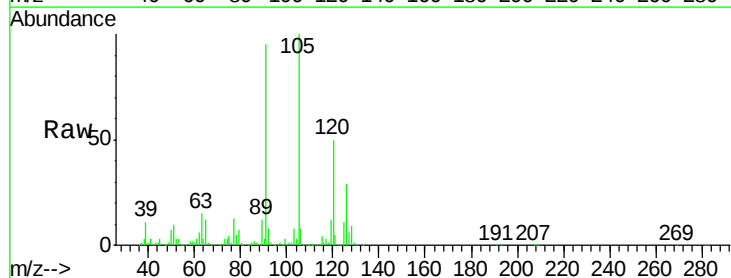
Manual Integrations
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5/8/2020 11:51:26 AM



#82
4-Chlorotoluene
Concen: 18.585 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.8	44.3





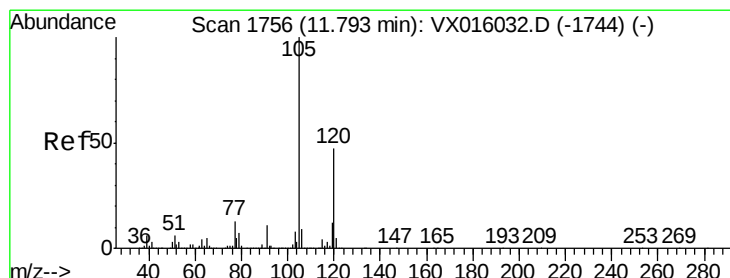
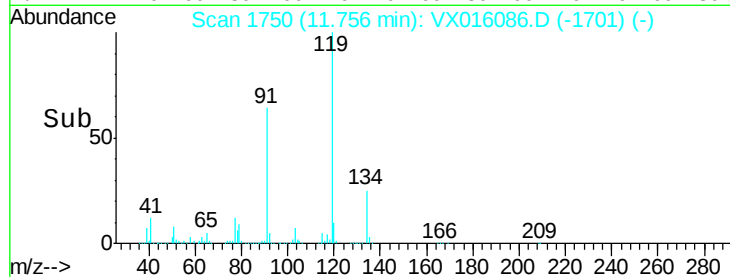
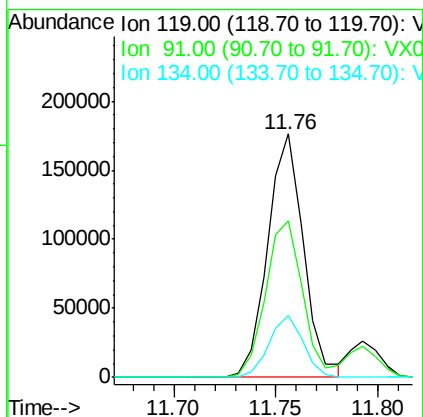
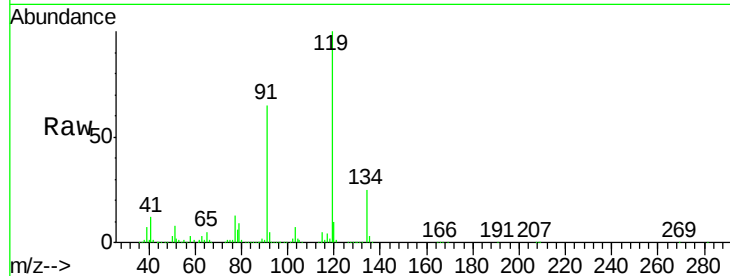
#83
tert-Butylbenzene
Concen: 18.536 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	215774		
91	65.9	32.8	98.4	
134	24.7	12.4	37.0	

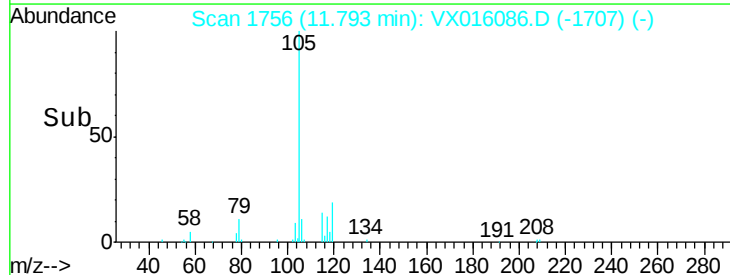
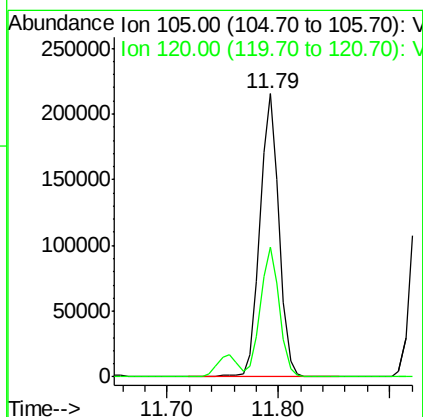
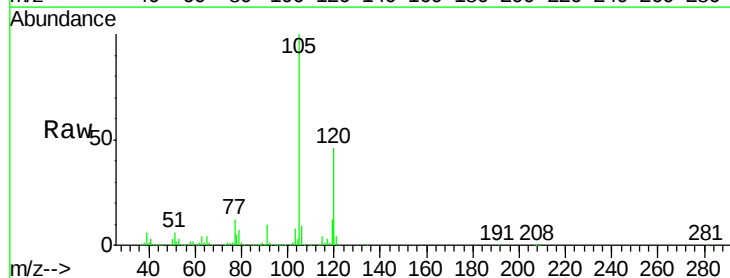
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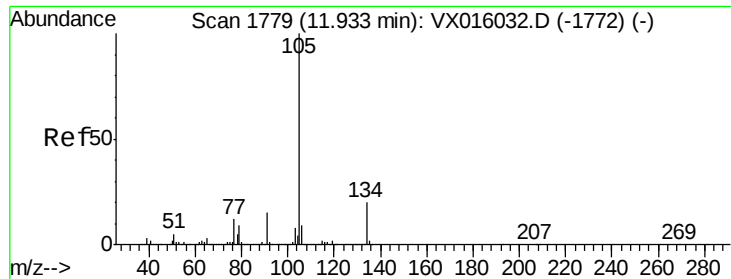
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#84
1,2,4-Trimethylbenzene
Concen: 18.901 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	258123		
120	45.4	23.0	69.0	





#85

sec-Butylbenzene

Concen: 18.696 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD01

Tot Ion:105 Resp: 293860

Ion Ratio Lower Upper

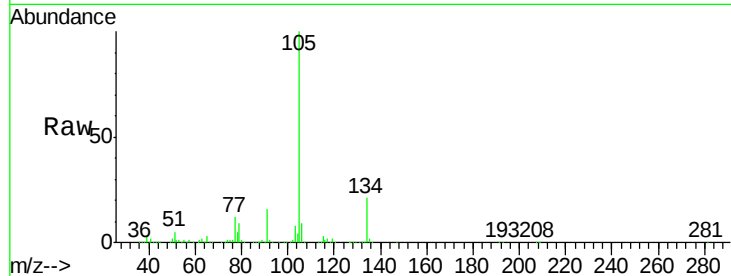
105 100

134 20.3 10.1 30.3

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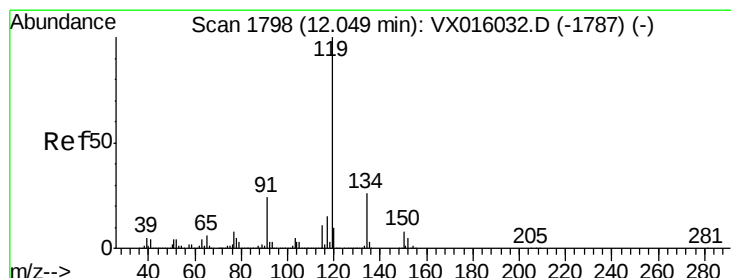
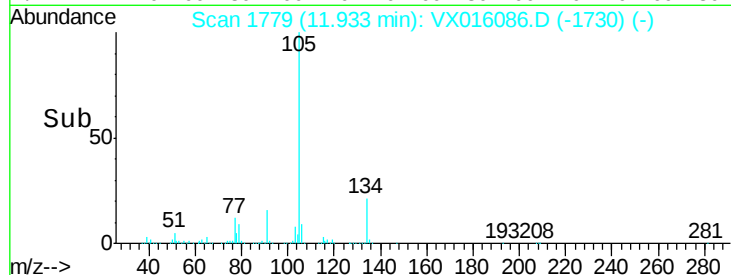
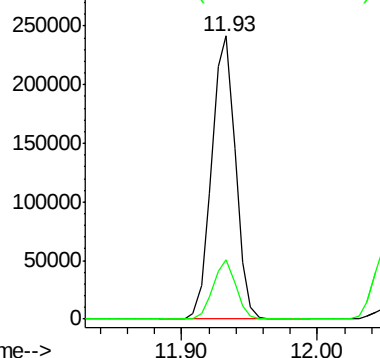
MMDadoda

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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: 18.960 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

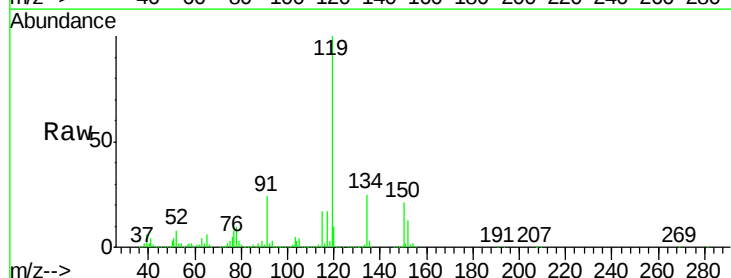
Tgt Ion:119 Resp: 276681

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

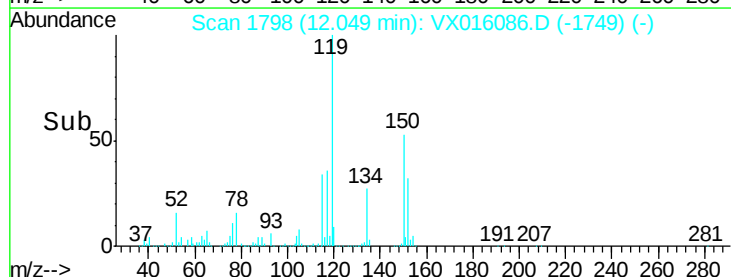
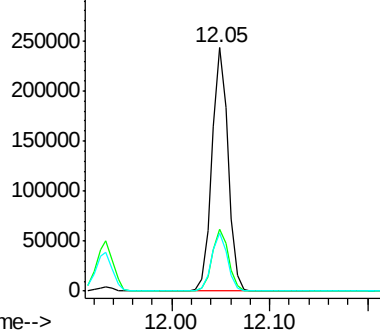
91 23.7 11.8 35.4

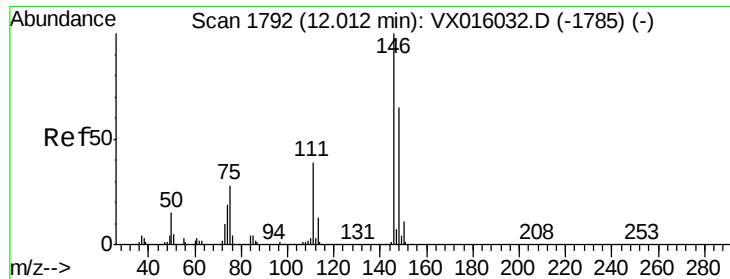


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





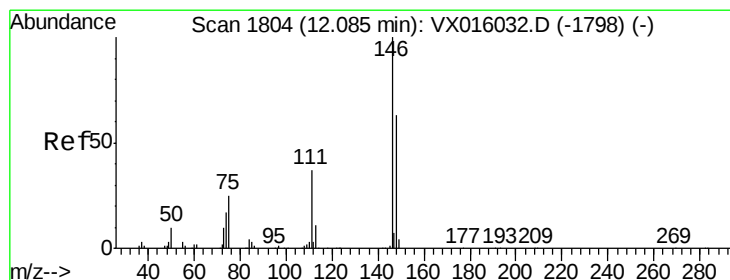
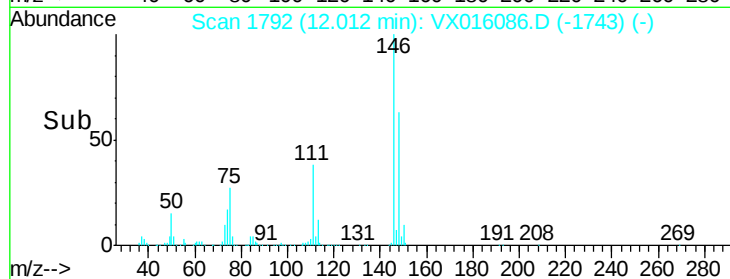
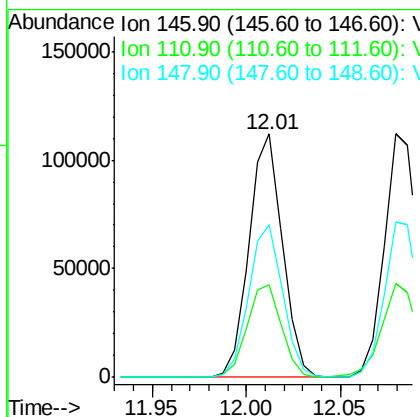
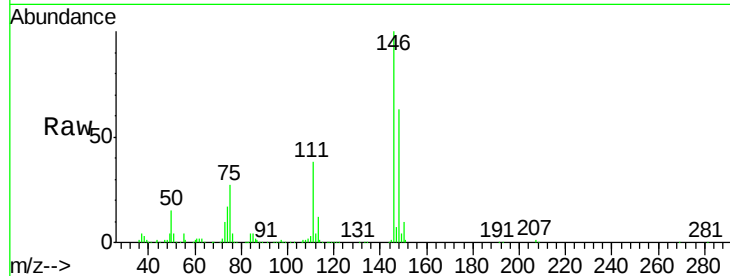
#87
 1,3-Dichlorobenzene
 Concen: 18.546 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0507WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	137510		
111	39.5	20.2	60.6	
148	63.9	32.1	96.3	

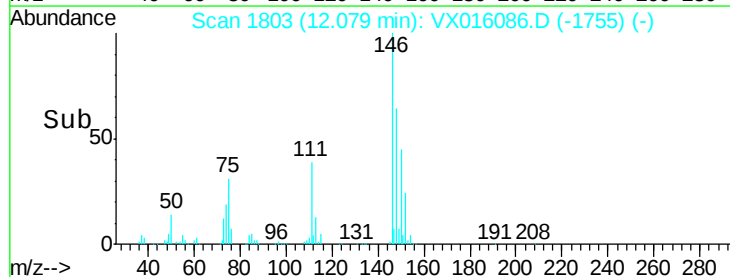
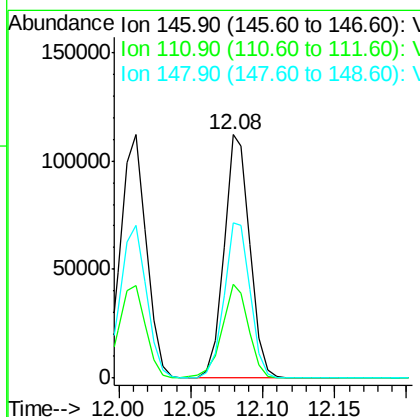
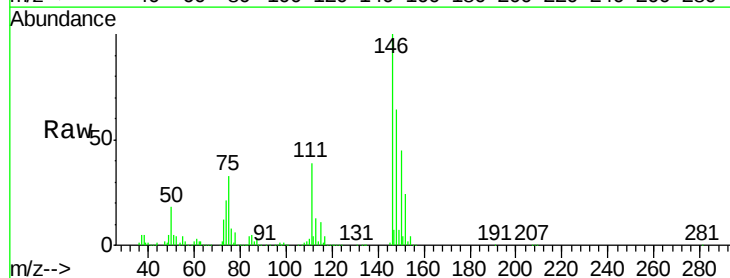
Manual Integrations
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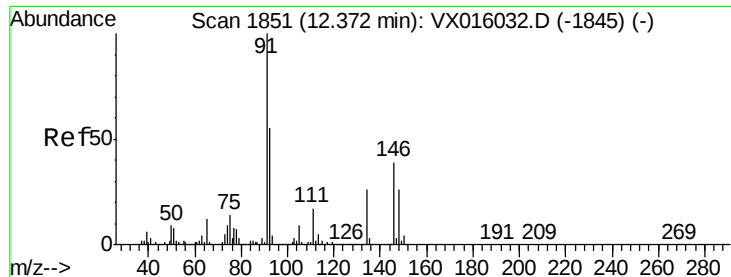
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#88
 1,4-Dichlorobenzene
 Concen: 18.684 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	140611		
111	40.0	19.6	58.7	
148	64.7	31.8	95.3	





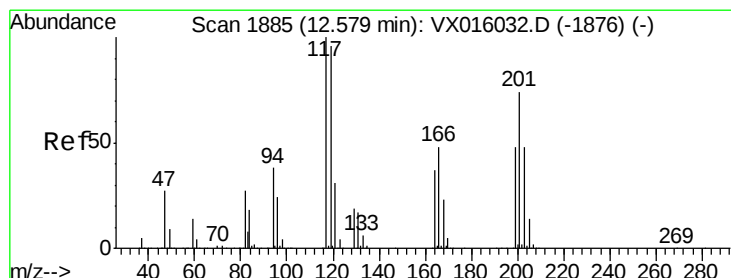
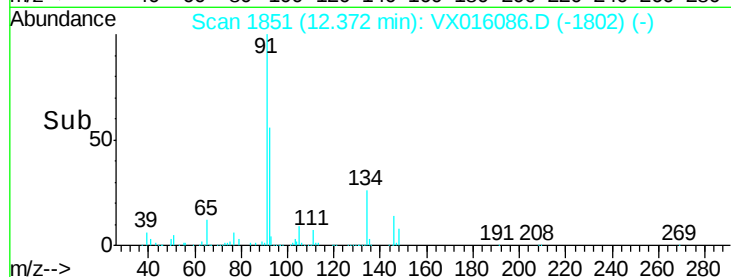
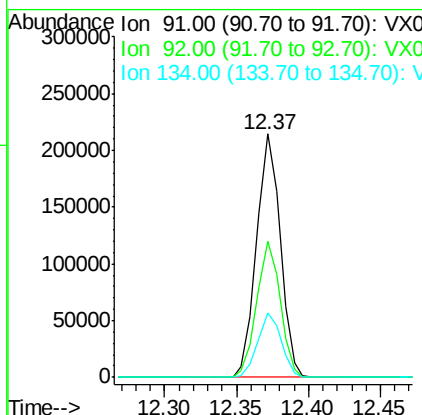
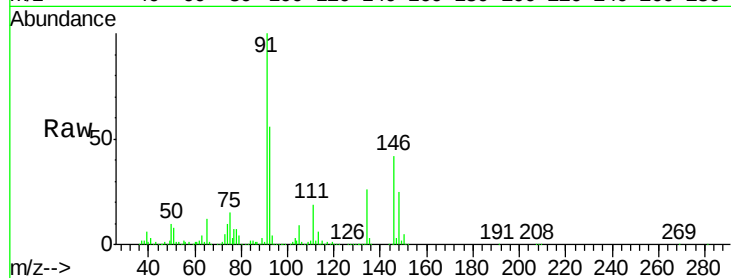
#89
n-Butylbenzene
Concen: 18.225 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	26.4	13.4	40.1

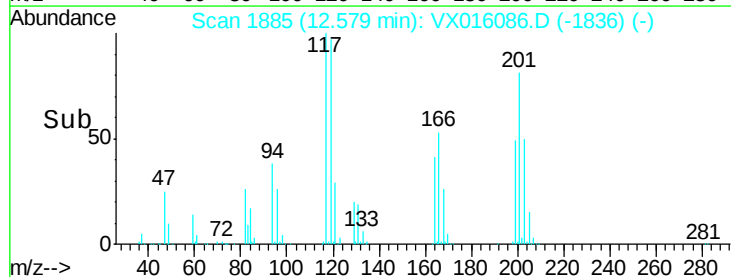
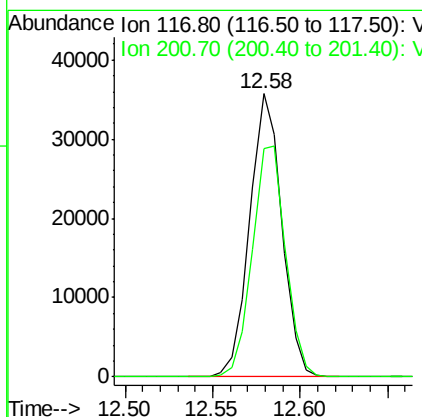
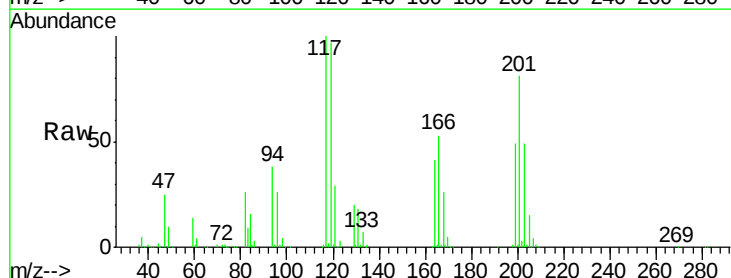
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#90
Hexachloroethane
Concen: 18.192 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016086.D
Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	39.8	119.3





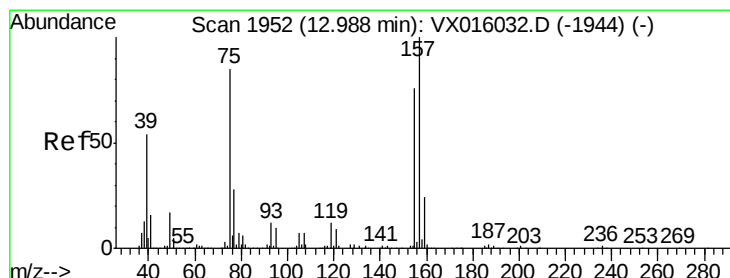
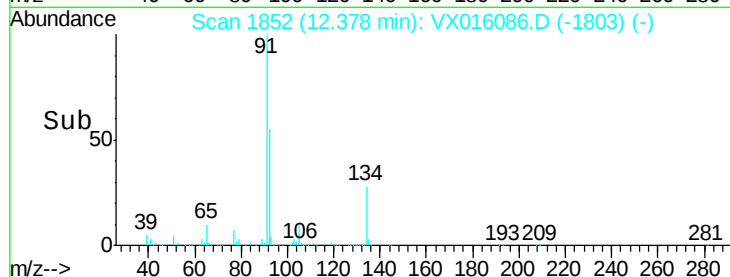
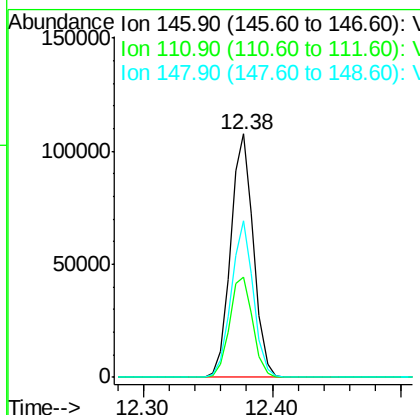
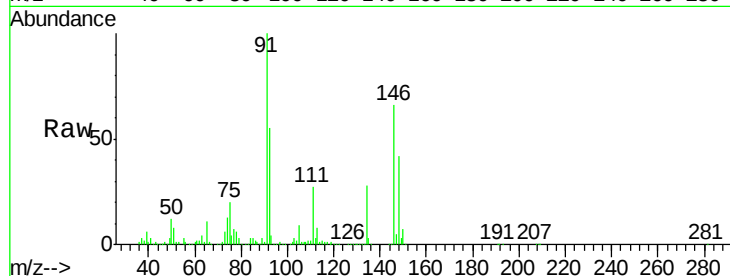
#91
 1,2-Dichlorobenzene
 Concen: 18.583 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132671		
111	42.2	21.1	63.1	
148	62.3	32.4	97.0	

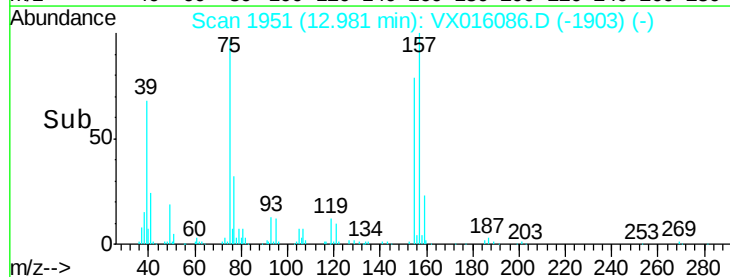
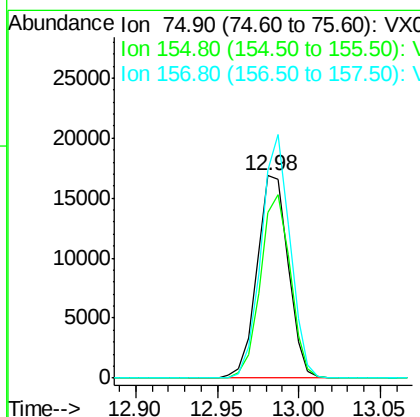
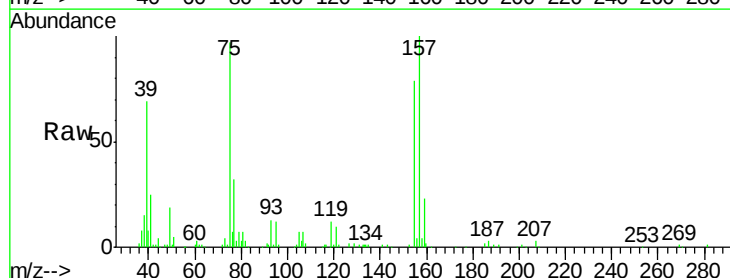
Manual Integrations
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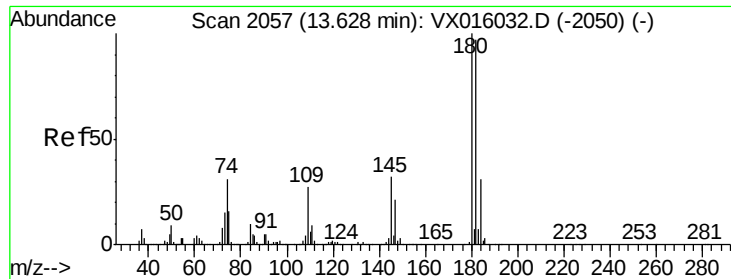
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.167 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22583		
155	86.1	42.5	127.5	
157	110.4	55.3	165.8	





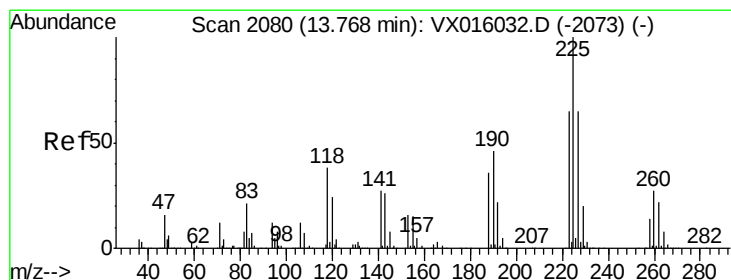
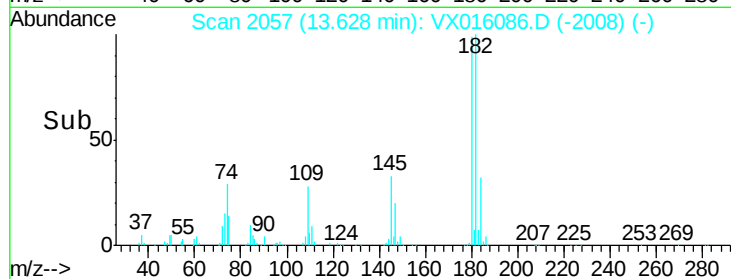
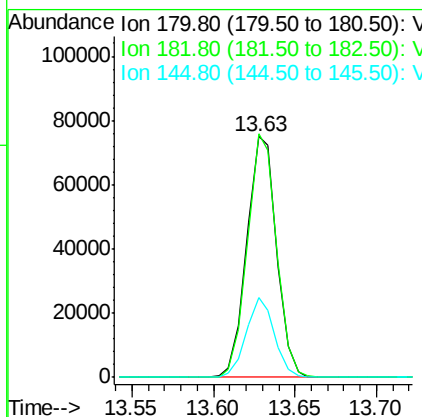
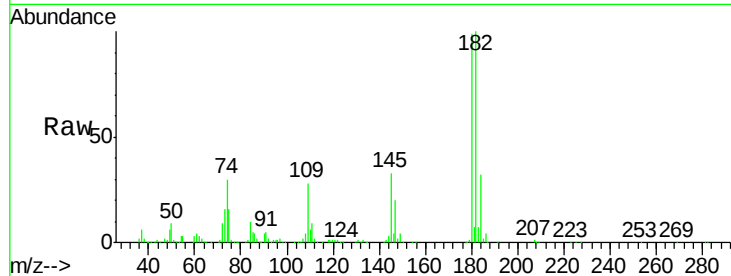
#93
 1,2,4-Trichlorobenzene
 Concen: 18.083 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.5	48.7	146.1	
145	31.4	15.7	47.1	

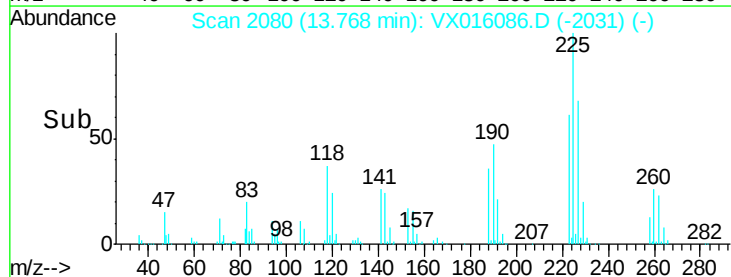
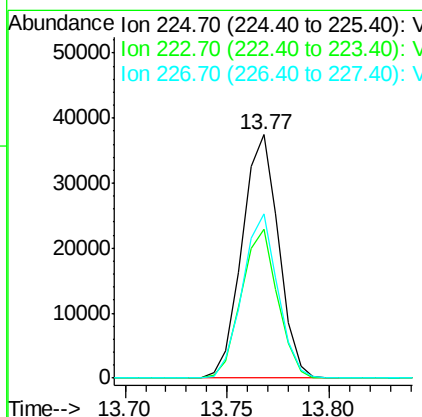
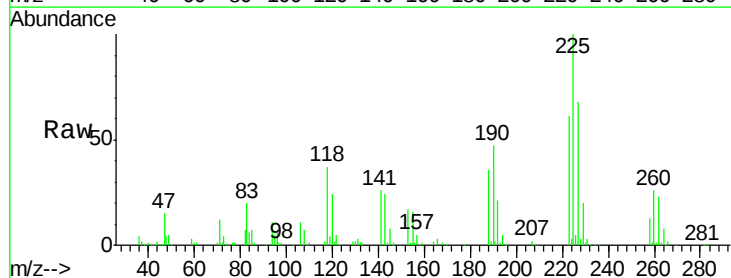
Manual Integrations
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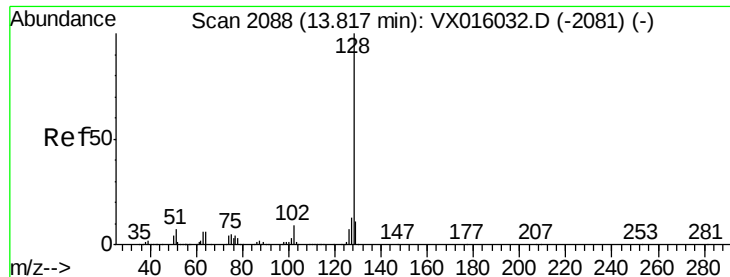
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#94
 Hexachlorobutadiene
 Concen: 20.736 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016086.D
 Acq: 07 May 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.6	32.3	96.9	
227	65.5	31.8	95.4	





#95

Naphthalene

Concen: 18.708 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Instrument :

MSVOA_X

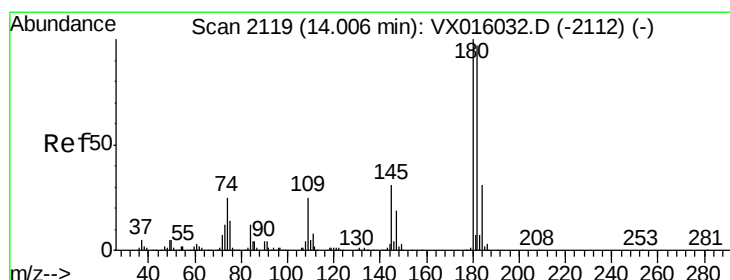
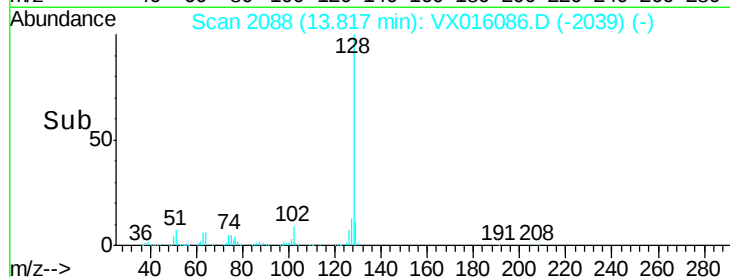
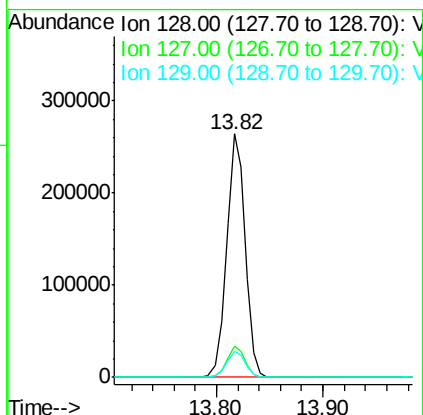
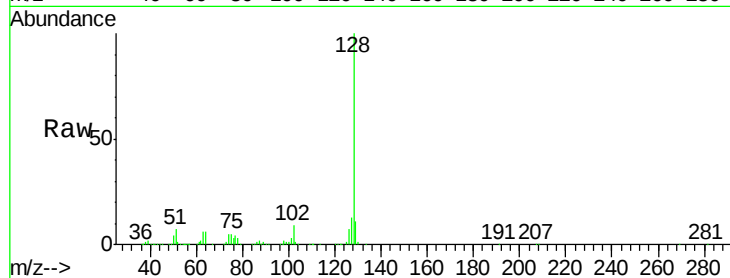
ClientSampled :

VX0507WBSD01

Tot Ion:	128	Resp:	320193
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.912 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016086.D

Acq: 07 May 2020 11:34

Tgt Ion:	180	Resp:	97696
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.4	145.0
145	32.2	16.4	49.1

