

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016032.D
 Acq On : 04 May 2020 12:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:22 AM

Quant Time: May 04 13:35:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 13:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	317859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	508114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235544	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	195772	40.42	ug/l	0.00
Spiked Amount			Recovery	=	80.84%	
35) Dibromofluoromethane	5.47	113	151752	42.25	ug/l	0.00
Spiked Amount			Recovery	=	84.50%	
50) Toluene-d8	8.70	98	592049	44.23	ug/l	0.00
Spiked Amount			Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.12	95	225256	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	171753	51.287	ug/l	100
3) Chloromethane	1.31	50	193068	48.198	ug/l	100
4) Vinyl Chloride	1.39	62	204829	48.544	ug/l	100
5) Bromomethane	1.62	94	101770	39.769	ug/l	100
6) Chloroethane	1.70	64	128696	48.666	ug/l	100
7) Trichlorofluoromethane	1.91	101	274078	49.677	ug/l	100
8) Diethyl Ether	2.17	74	112562	48.189	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	157506	49.609	ug/l	100
10) Methyl Iodide	2.49	142	221031	54.473	ug/l	100
11) Tert butyl alcohol	3.02	59	264097	255.012	ug/l	100
12) 1,1-Dichloroethene	2.36	96	163113	49.031	ug/l	100
13) Acrolein	2.27	56	161449	254.344	ug/l	100
14) Allyl chloride	2.71	41	300107	49.394	ug/l	100
15) Acrylonitrile	3.12	53	542693	248.156	ug/l	100
16) Acetone	2.42	43	461477	246.131	ug/l	100
17) Carbon Disulfide	2.55	76	496738	41.770	ug/l	100
18) Methyl Acetate	2.75	43	225918	48.907	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	572072	50.426	ug/l	100
20) Methylene Chloride	2.84	84	183152	46.272	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	174753	46.743	ug/l	100
22) Diisopropyl ether	3.82	45	566210	49.364	ug/l	100
23) Vinyl Acetate	3.79	43	2561097	257.946	ug/l	100
24) 1,1-Dichloroethane	3.67	63	316536	49.483	ug/l	100
25) 2-Butanone	4.64	43	763762	257.833	ug/l	100
26) 2,2-Dichloropropane	4.55	77	284491	48.063	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	198145	49.241	ug/l	100
28) Bromochloromethane	4.98	49	140608	48.518	ug/l	100
29) Tetrahydrofuran	5.09	42	501702	254.339	ug/l	100
30) Chloroform	5.18	83	317320	49.781	ug/l	100
31) Cyclohexane	5.55	56	293438	49.162	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	287930	49.754	ug/l	100
36) 1,1-Dichloropropene	5.77	75	242823	47.877	ug/l	100
37) Ethyl Acetate	4.80	43	291261	50.429	ug/l	100
38) Carbon Tetrachloride	5.76	117	252485	49.538	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	298781	49.398	ug/l	100
40) Benzene	6.12	78	719651	48.483	ug/l	100
41) Methacrylonitrile	5.01	41	158045	50.668	ug/l	100
42) 1,2-Dichloroethane	6.17	62	258724	48.251	ug/l	100
43) Isopropyl Acetate	6.42	43	462232	50.294	ug/l	100
44) Trichloroethene	7.19	130	248672	45.305	ug/l	100
45) 1,2-Dichloropropane	7.49	63	185153	49.672	ug/l	100
46) Dibromomethane	7.64	93	123715	48.809	ug/l	100
47) Bromodichloromethane	7.88	83	258890	50.872	ug/l	100
48) Methyl methacrylate	7.74	41	220544	50.998	ug/l	100
49) 1,4-Dioxane	7.71	88	104907	1002.962	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1457309	260.443	ug/l	100
52) Toluene	8.77	92	456255	49.890	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	302910	49.746	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	317865	49.685	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	180858	50.608	ug/l	100
56) Ethyl methacrylate	9.16	69	301385	53.305	ug/l	100
57) 1,3-Dichloropropane	9.35	76	312676	49.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	787324	255.632	ug/l	100
59) 2-Hexanone	9.48	43	1136262	259.122	ug/l	100
60) Dibromochloromethane	9.57	129	203668	52.892	ug/l	100
61) 1,2-Dibromoethane	9.65	107	198506	51.368	ug/l	100
64) Tetrachloroethene	9.32	164	280455	47.245	ug/l	100
65) Chlorobenzene	10.12	112	484943	48.927	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	182488	50.606	ug/l	100
67) Ethyl Benzene	10.24	91	879425	49.877	ug/l	100
68) m/p-Xylenes	10.34	106	669043	102.168	ug/l	100
69) o-Xylene	10.68	106	320417	51.126	ug/l	100
70) Styrene	10.70	104	551773	52.884	ug/l	100
71) Bromoform	10.84	173	154402	55.025	ug/l	100
73) Isopropylbenzene	11.00	105	860468	49.185	ug/l	100
74) N-amyl acetate	10.88	43	402416	50.294	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	167010	65.404	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	268659m	39.043	ug/l	
77) Bromobenzene	11.24	156	214650	47.479	ug/l	100
78) n-propylbenzene	11.35	91	985975	48.578	ug/l	100
79) 2-Chlorotoluene	11.41	91	575325	47.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	722860	49.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	114459	51.981	ug/l	100
82) 4-Chlorotoluene	11.49	91	683795	48.526	ug/l	100
83) tert-Butylbenzene	11.76	119	616293	49.126	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	729152	49.404	ug/l	100
85) sec-Butylbenzene	11.93	105	837752	49.231	ug/l	100
86) p-Isopropyltoluene	12.05	119	782966	49.742	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	383128	47.158	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	388338	47.742	ug/l	100
89) n-Butylbenzene	12.37	91	697349	48.688	ug/l	100
90) Hexachloroethane	12.58	117	136745	52.276	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	369040	47.348	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	68478	48.654	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	266264	46.325	ug/l	100
94) Hexachlorobutadiene	13.77	225	122087	45.223	ug/l	100
95) Naphthalene	13.82	128	903171	48.806	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	268476	47.738	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 317859

Ion Ratio Lower Upper

168 100

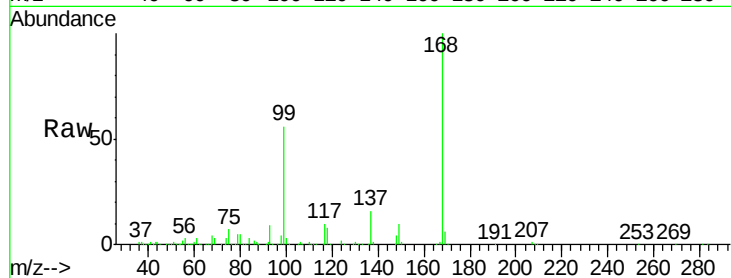
99 56.2 45.0 67.4

Manual Integrations

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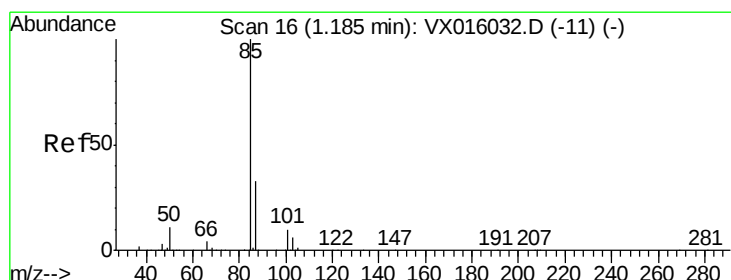
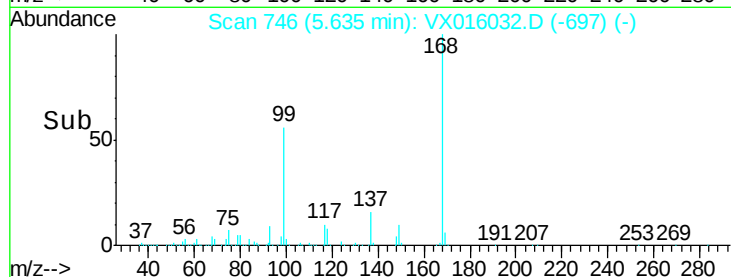
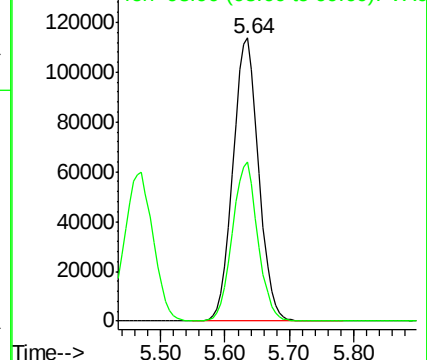
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.287 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016032.D

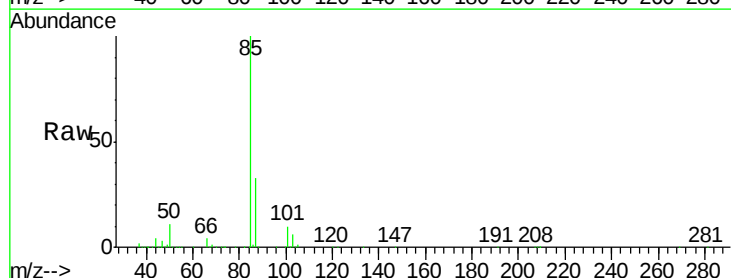
Acq: 04 May 2020 12:47

Tgt Ion: 85 Resp: 171753

Ion Ratio Lower Upper

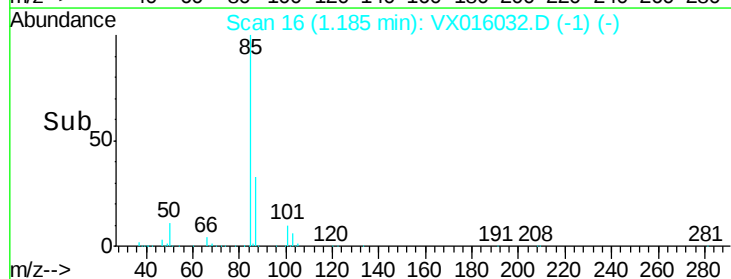
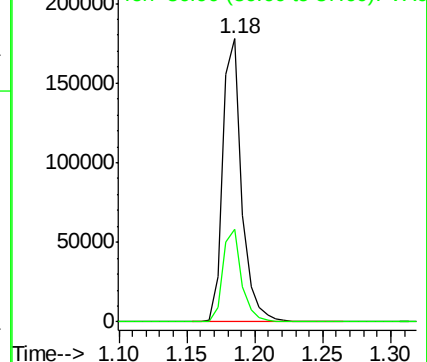
85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.198 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 193068

Ion Ratio Lower Upper

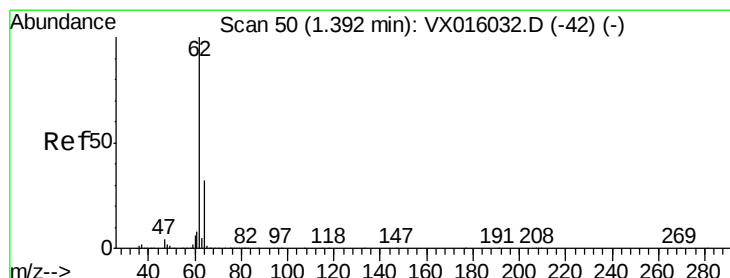
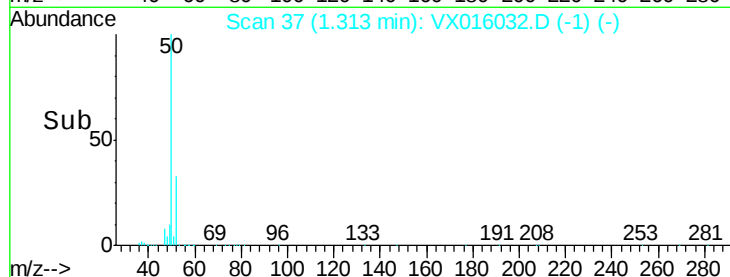
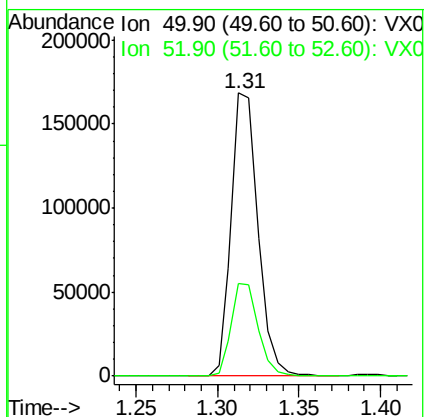
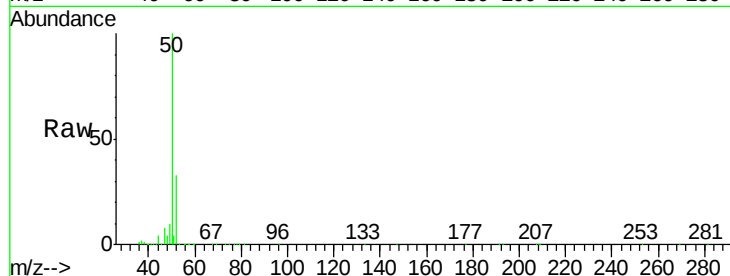
50 100

52 32.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 48.544 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016032.D

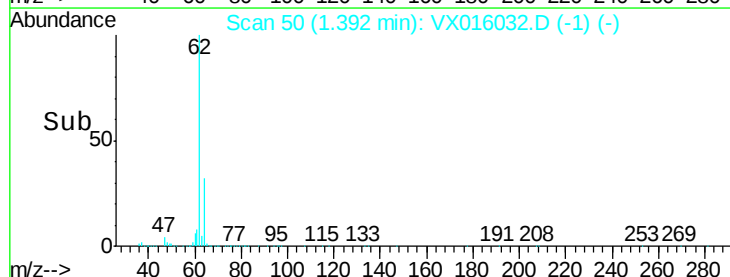
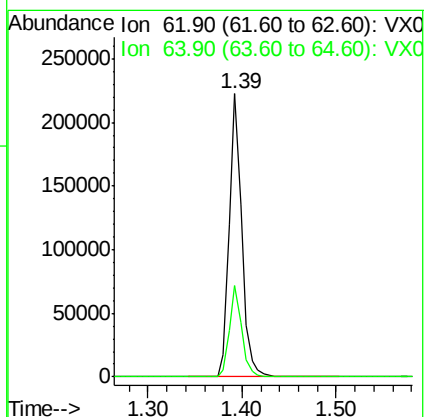
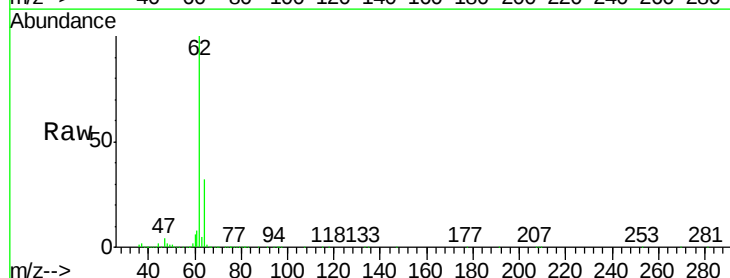
Acq: 04 May 2020 12:47

Tgt Ion: 62 Resp: 204829

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 39.769 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tot Ion: 94 Resp: 101770

Ion Ratio Lower Upper

94 100

96 96.1 76.9 115.3

Instrument :

MSVOA_X

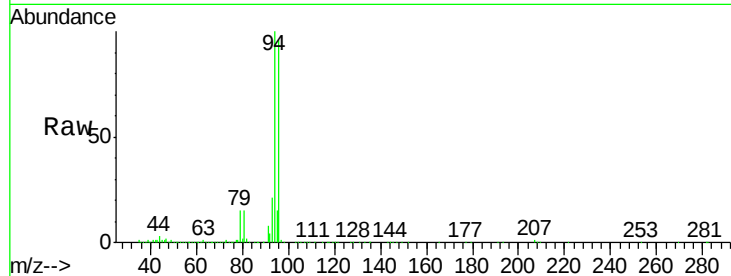
ClientSampled :

VSTDICCC050

Manual Integrations
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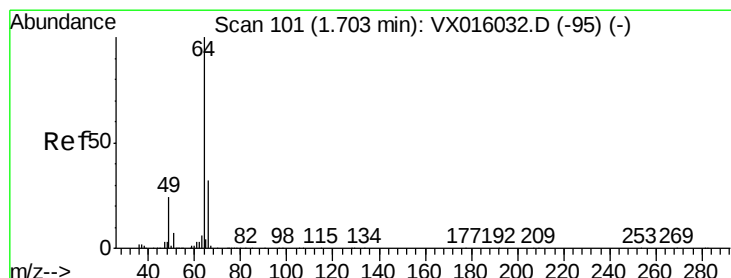
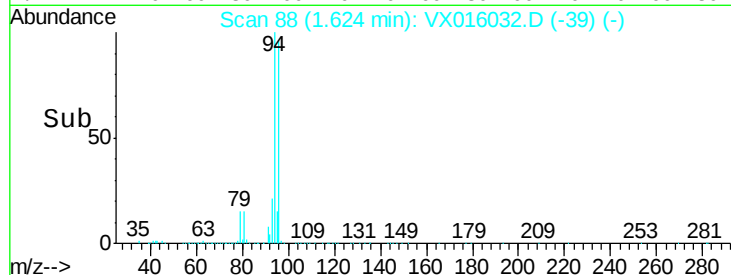
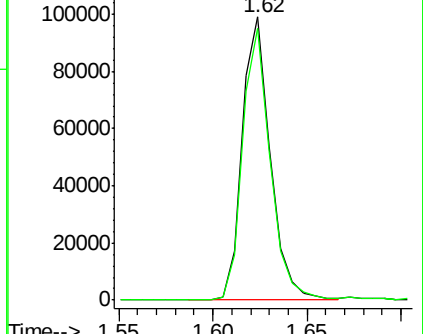
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.666 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016032.D

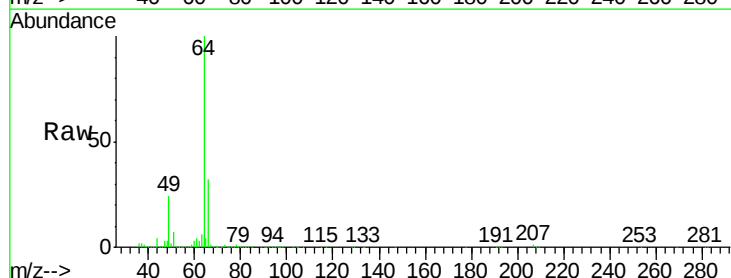
Acq: 04 May 2020 12:47

Tgt Ion: 64 Resp: 128696

Ion Ratio Lower Upper

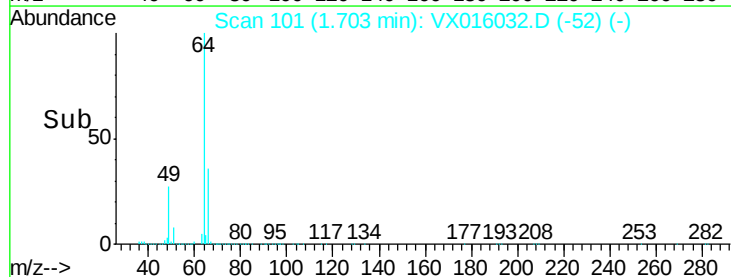
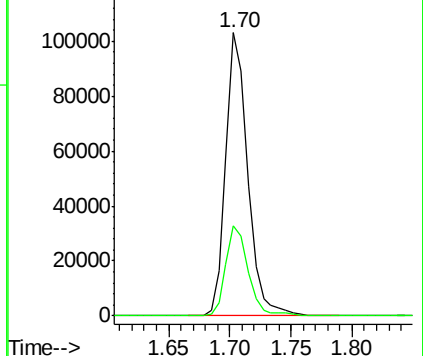
64 100

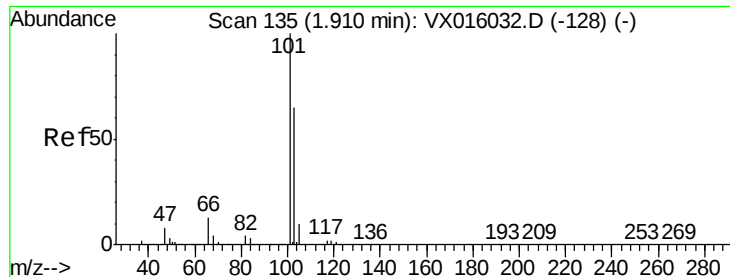
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

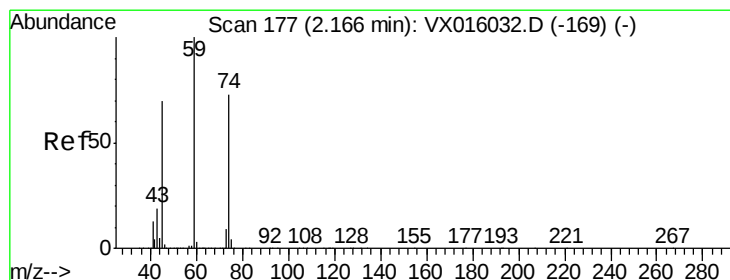
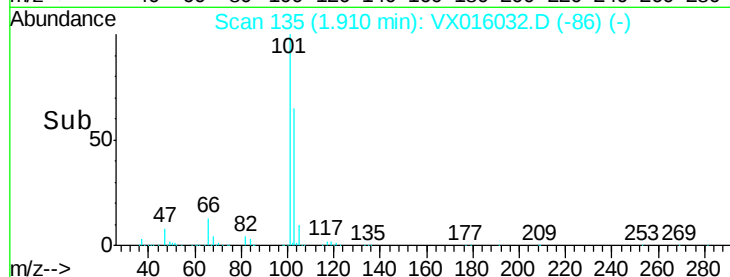
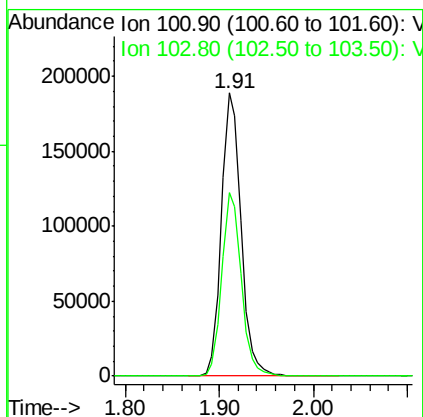
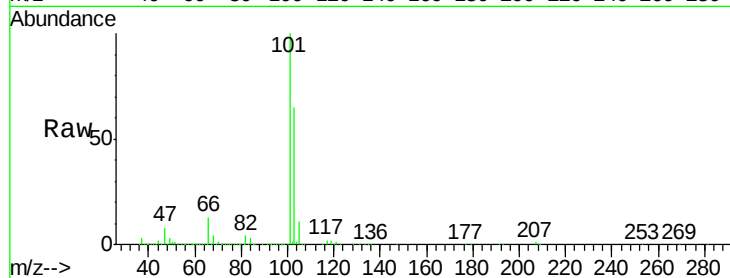
Trichlorofluoromethane
Concen: 49.677 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

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VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

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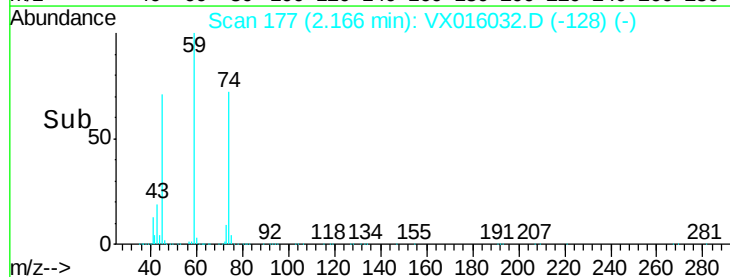
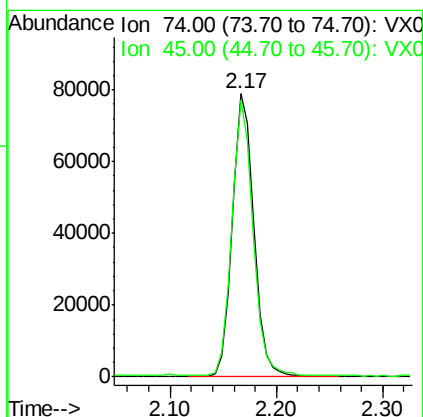
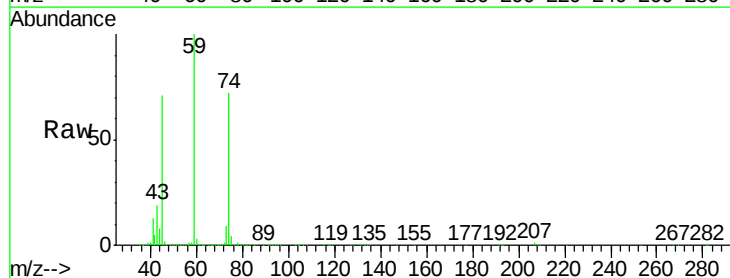
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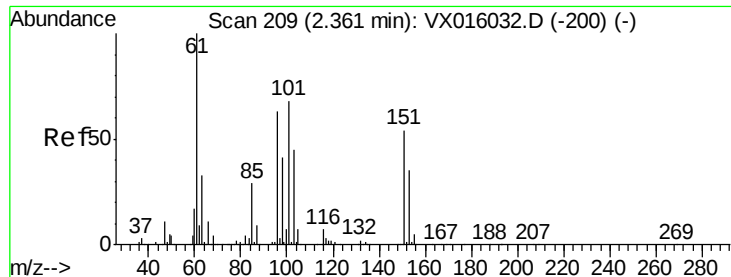


#8

Diethyl Ether
Concen: 48.189 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.609 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

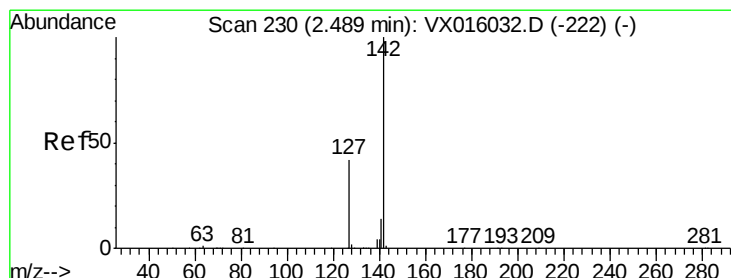
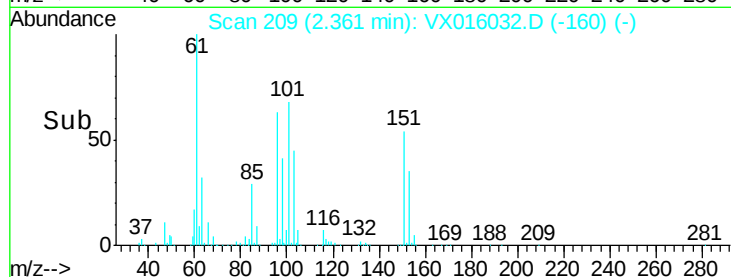
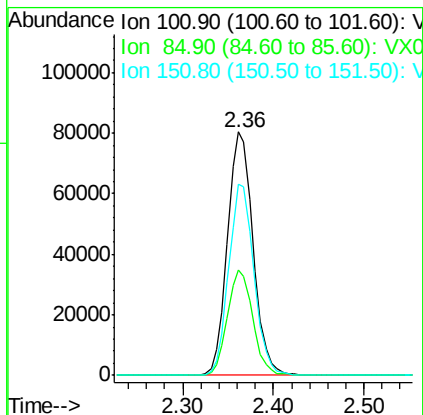
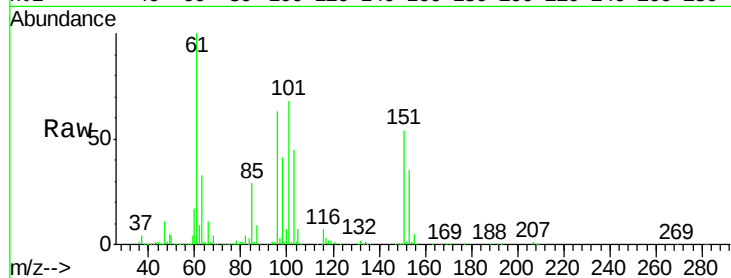
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	157506
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.4
151	77.6	62.1	93.1

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#10

Methyl Iodide

Concen: 54.473 ug/l

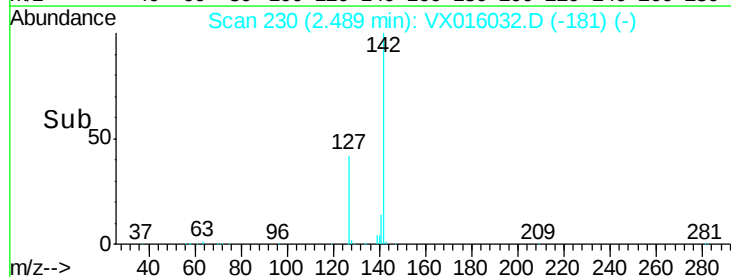
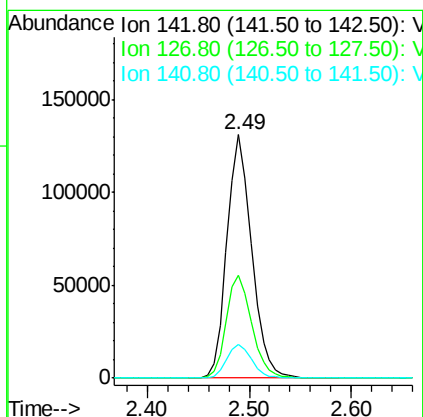
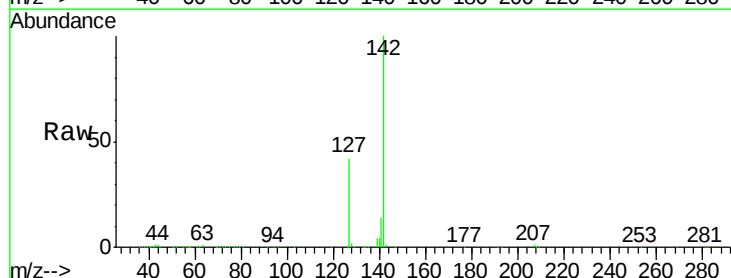
RT: 2.49 min Scan# 230

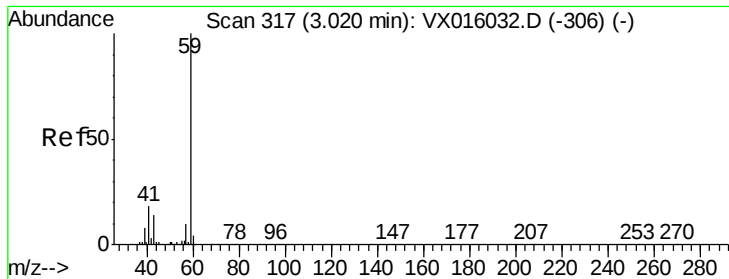
Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion:	142	Resp:	221031
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.1	11.3	16.9





#11

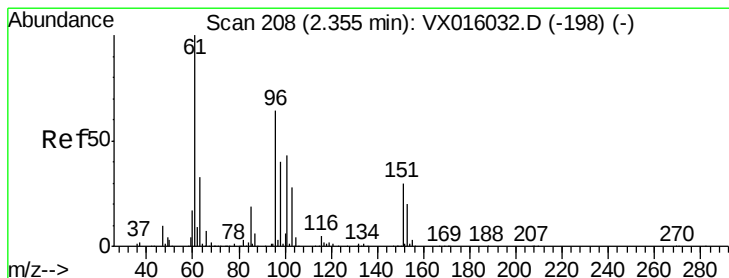
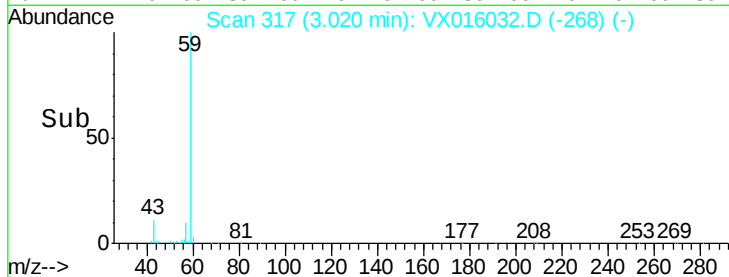
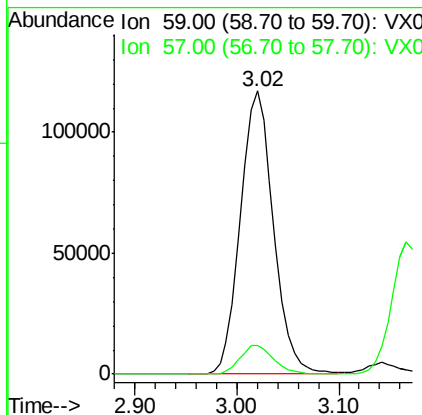
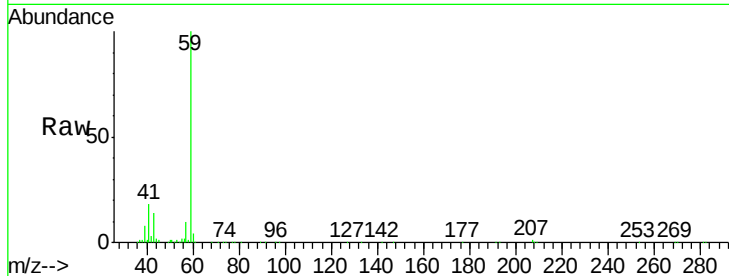
Tert butyl alcohol
Concen: 255.012 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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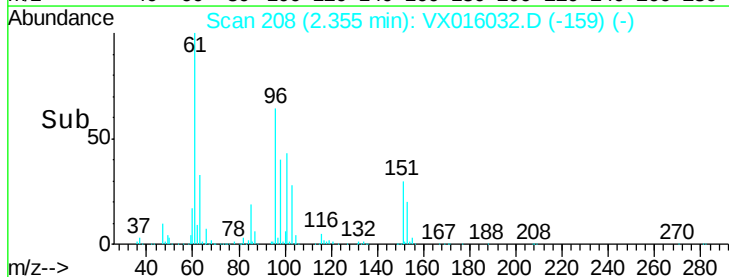
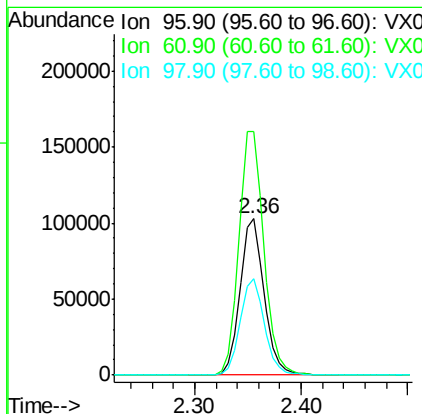
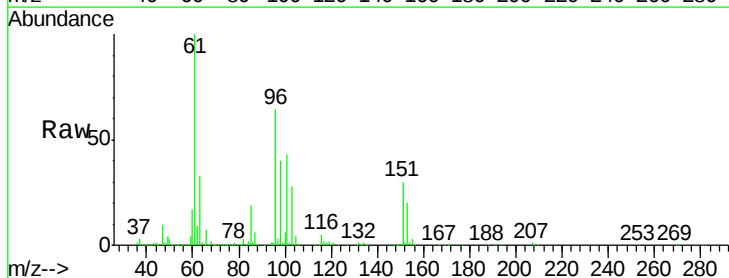
MMDadoda
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#12

1,1-Dichloroethene
Concen: 49.031 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	124.8	187.2
98	62.1	49.7	74.5





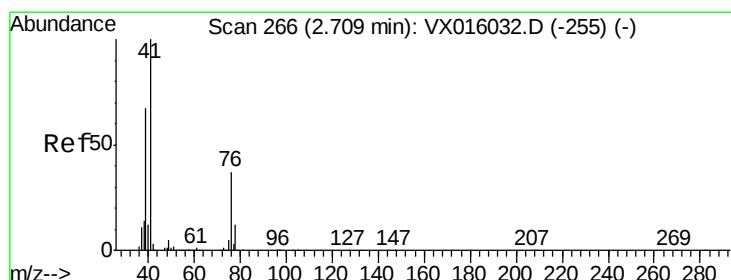
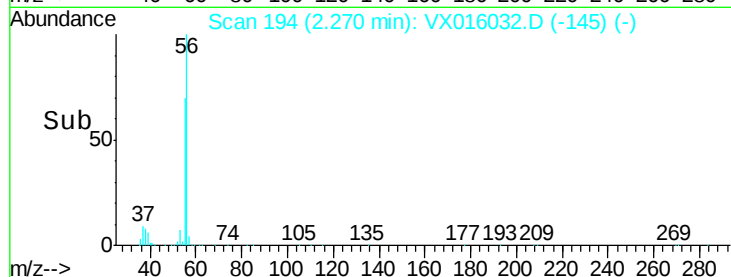
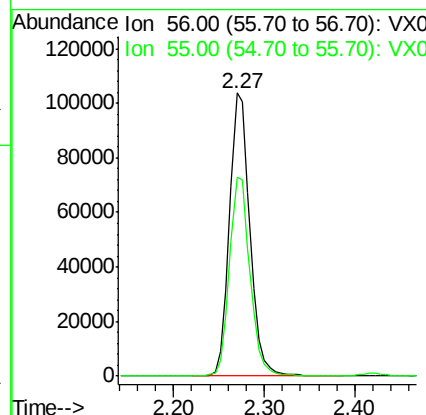
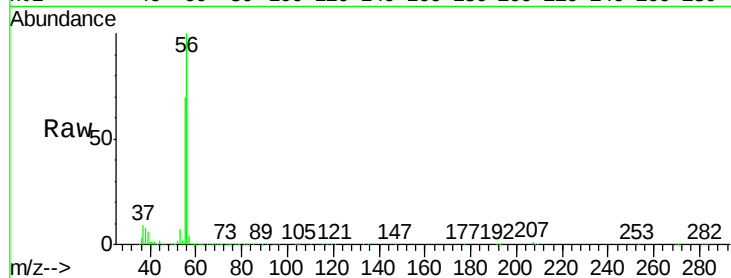
#13
Acrolein
Concen: 254.344 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.5	84.7

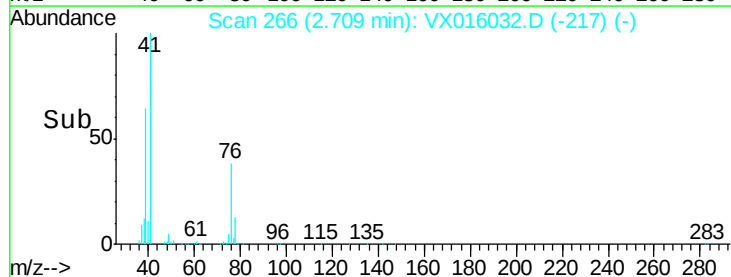
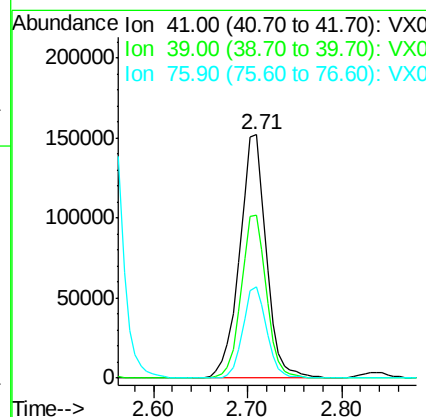
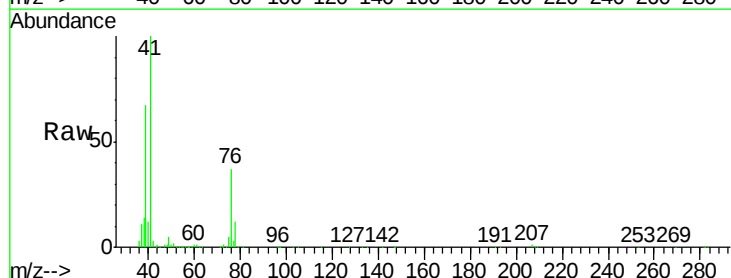
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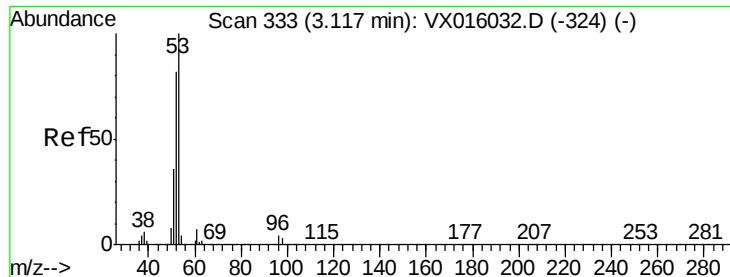
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#14
Allyl chloride
Concen: 49.394 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.1	50.5	75.7
76	33.3	26.6	40.0





#15

Acrylonitrile

Concen: 248.156 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

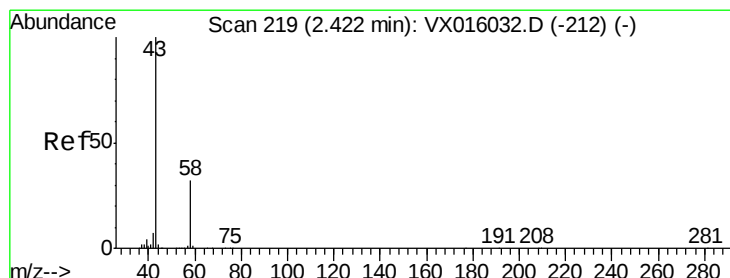
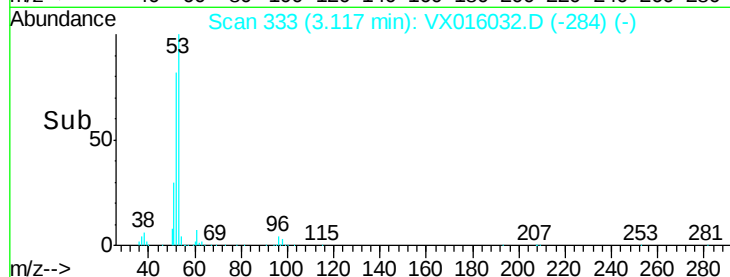
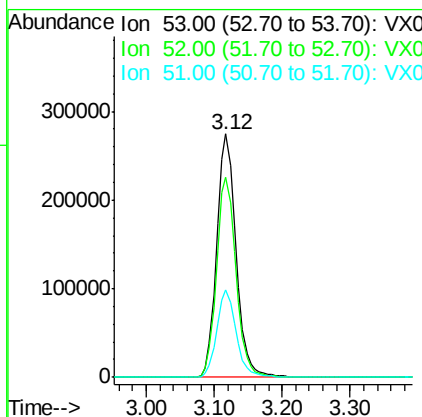
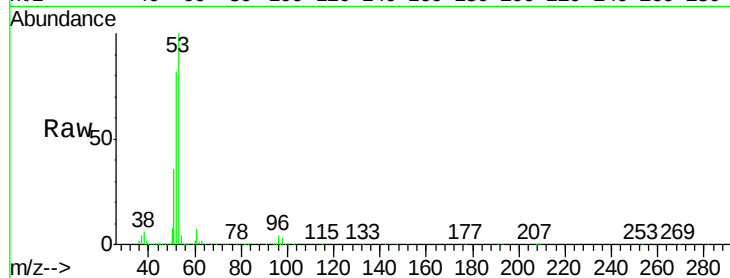
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	542693
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.1	99.1
51	36.0	28.8	43.2

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#16

Acetone

Concen: 246.131 ug/l

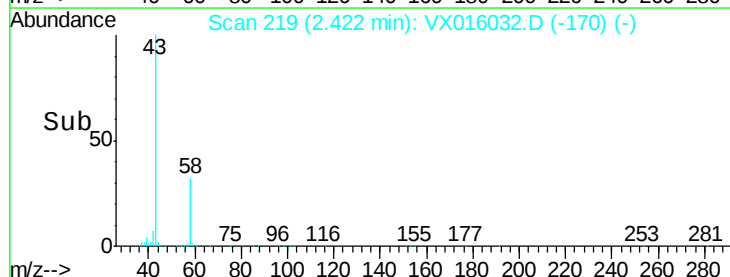
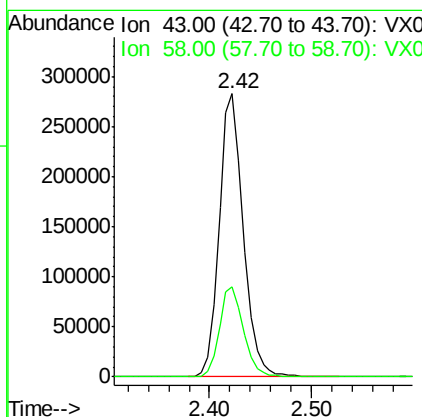
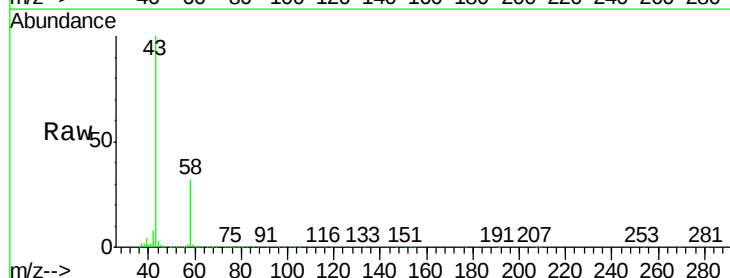
RT: 2.42 min Scan# 219

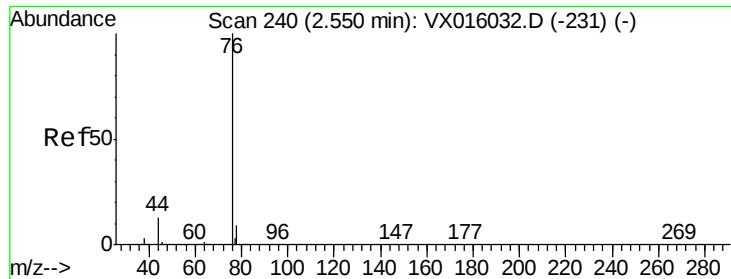
Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion:	43	Resp:	461477
Ion Ratio	Lower	Upper	
43	100		
58	31.7	25.4	38.0





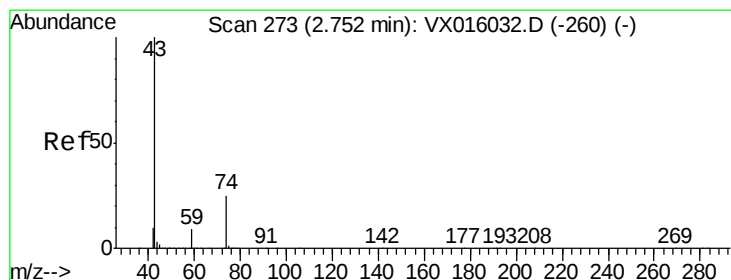
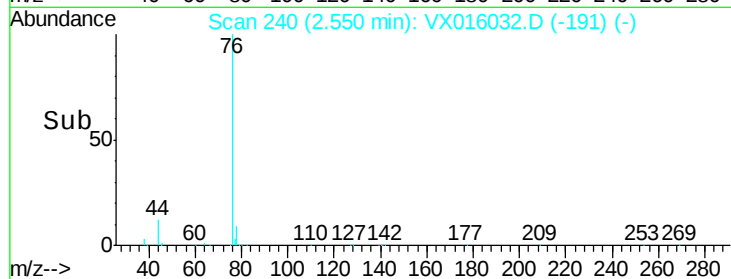
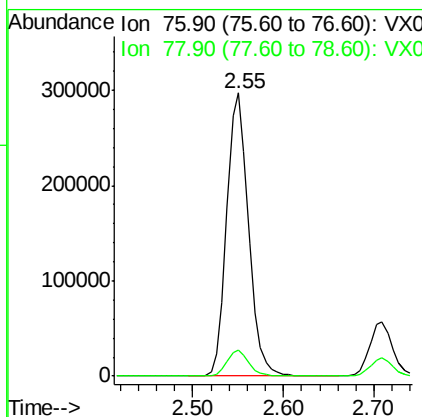
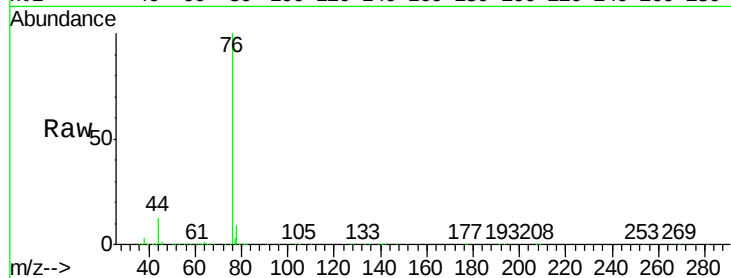
#17
Carbon Disulfide
Concen: 41.770 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

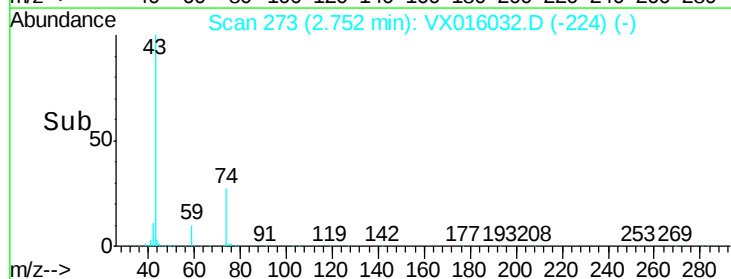
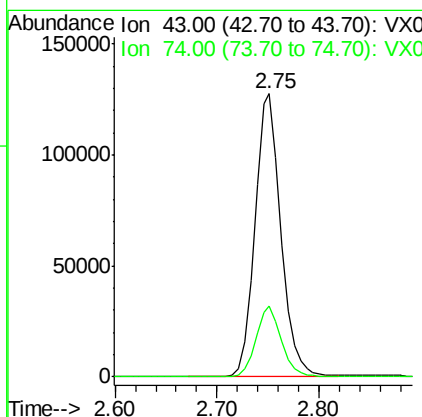
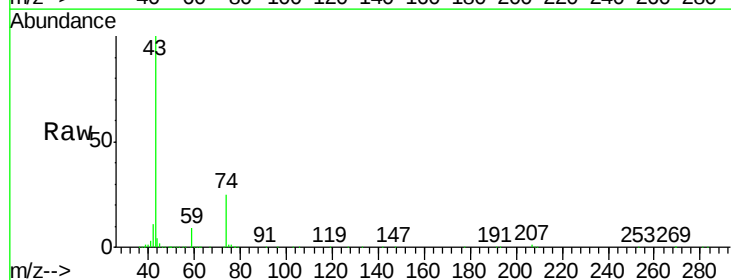
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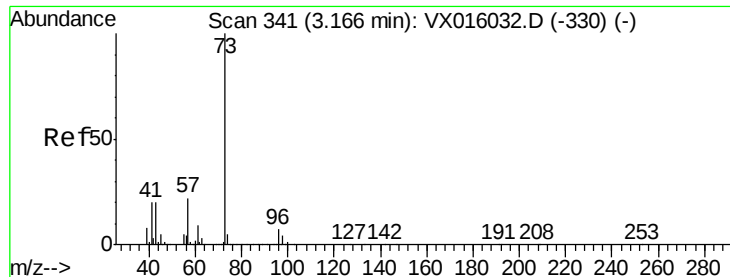
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#18
Methyl Acetate
Concen: 48.907 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	20.2	30.2





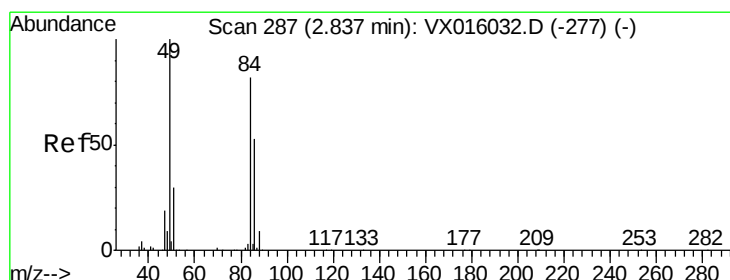
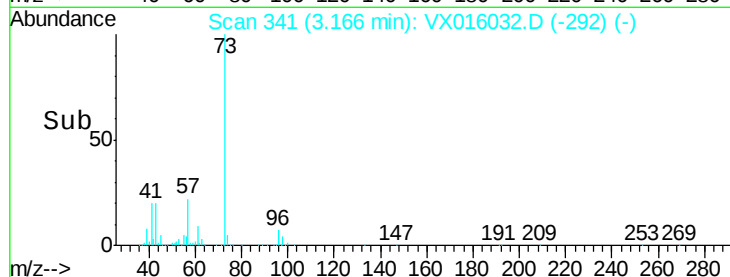
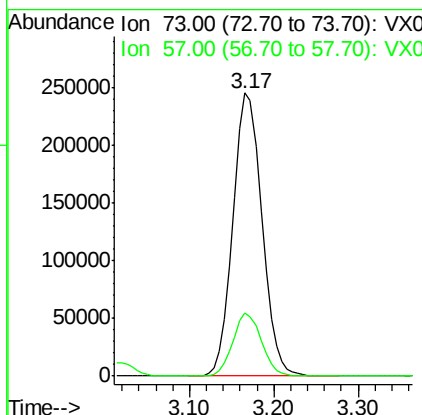
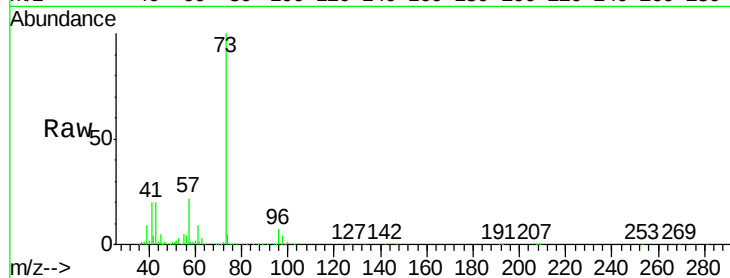
#19
Methvl tert-butvl Ether
Concen: 50.426 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

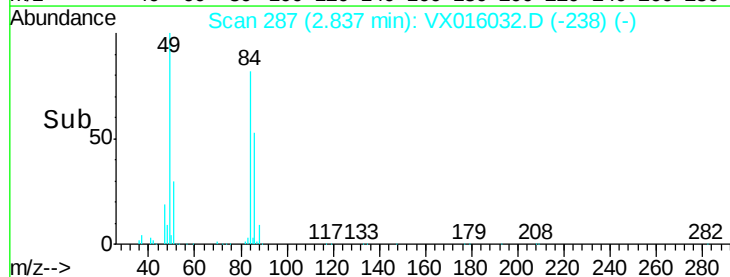
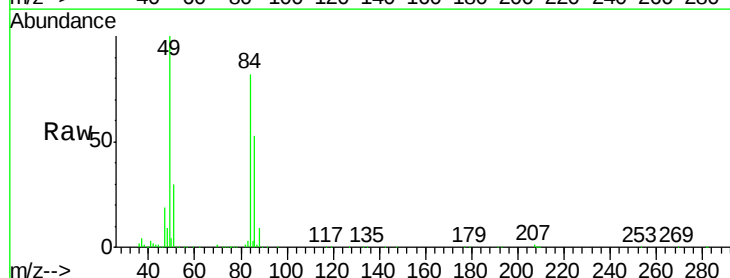
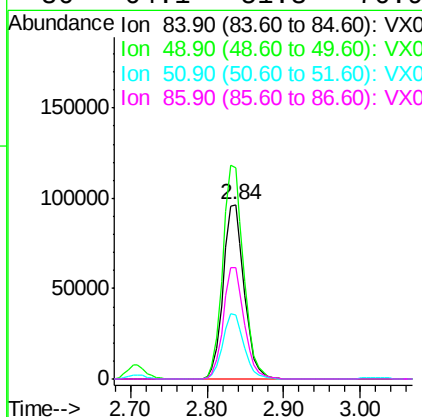
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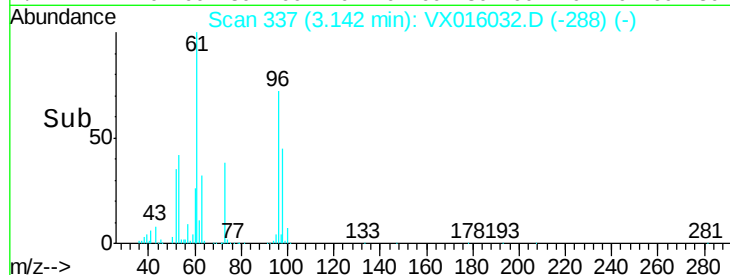
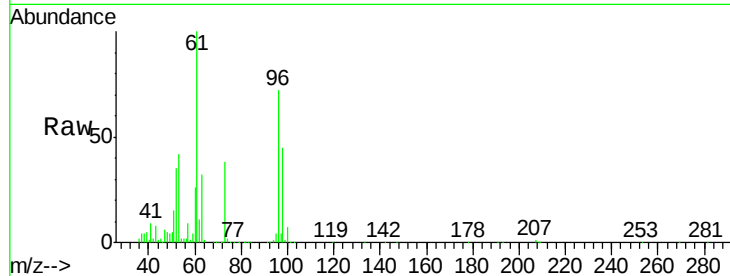
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#20
Methylene Chloride
Concen: 46.272 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.6	97.3	145.9
51	36.6	29.3	43.9
86	64.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.743 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016032.D

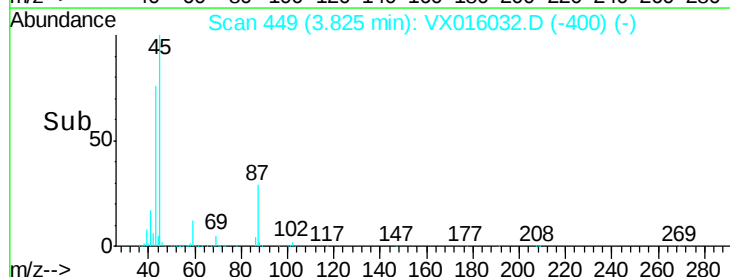
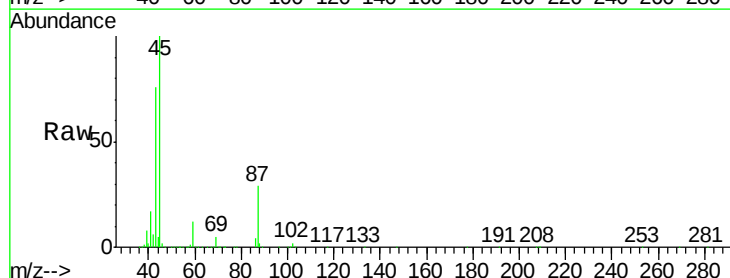
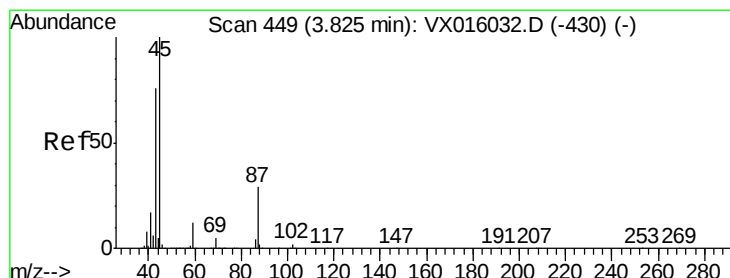
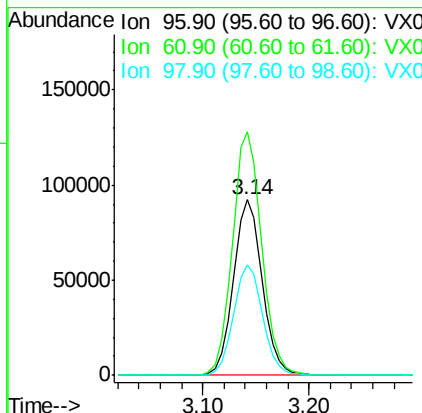
Acq: 04 May 2020 12:47

Tot Ion:	96	Resp:	174753
Ion	Ratio	Lower	Upper
96	100		
61	139.0	111.2	166.8
98	62.8	50.2	75.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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#22

Diisopropyl ether

Concen: 49.364 ug/l

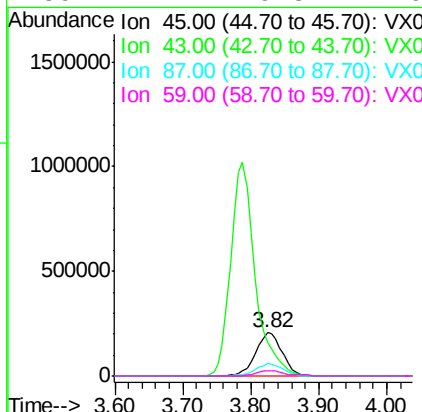
RT: 3.82 min Scan# 449

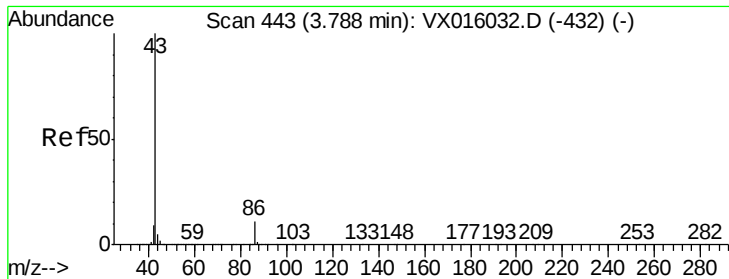
Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion:	45	Resp:	566210
Ion	Ratio	Lower	Upper
45	100		
43	76.4	61.1	91.7
87	28.8	23.0	34.6
59	12.2	9.8	14.6





#23

Vinyl Acetate

Concen: 257.946 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tot Ion: 43 Resp: 2561097

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.4

Instrument :

MSVOA_X

ClientSampled :

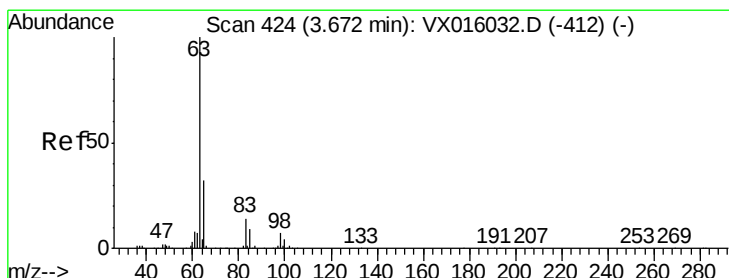
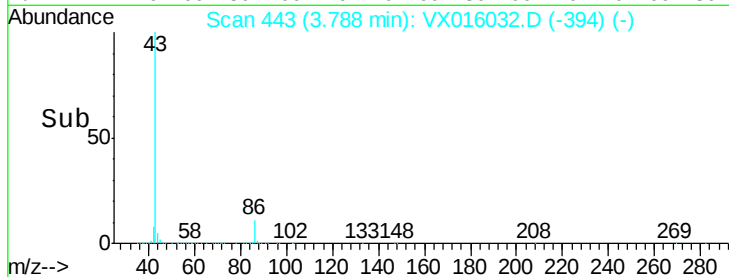
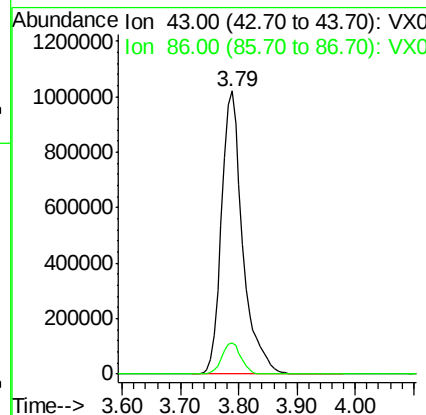
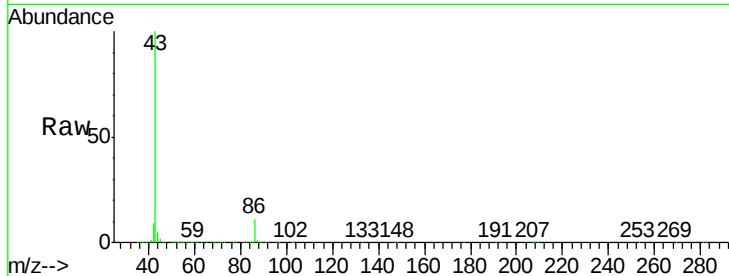
VSTDICCC050

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#24

1,1-Dichloroethane

Concen: 49.483 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

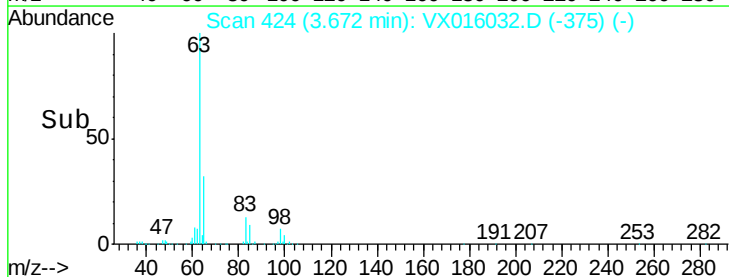
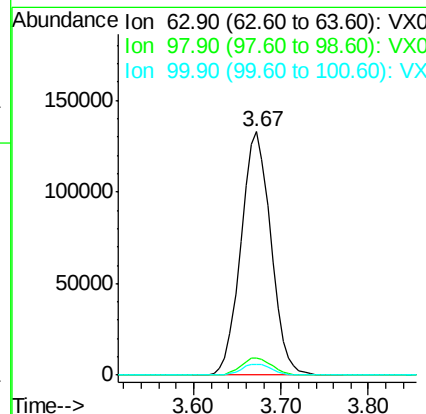
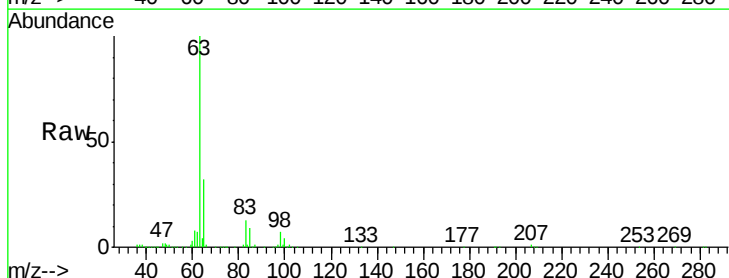
Tgt Ion: 63 Resp: 316536

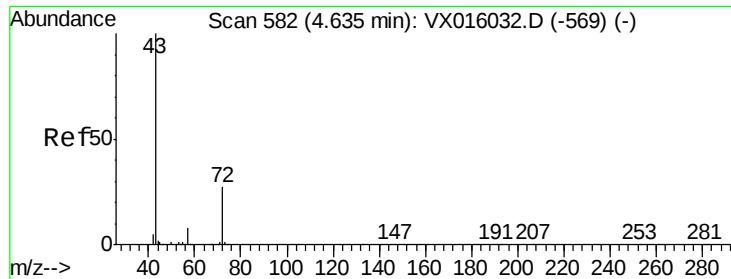
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.3 2.1 6.5





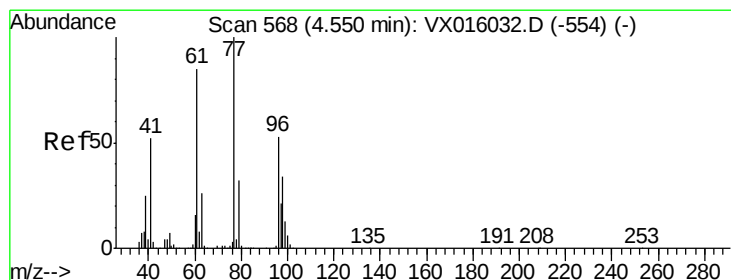
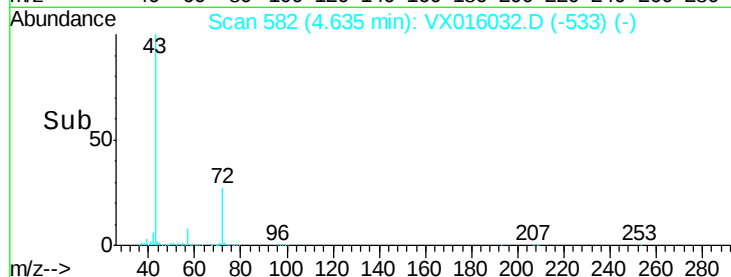
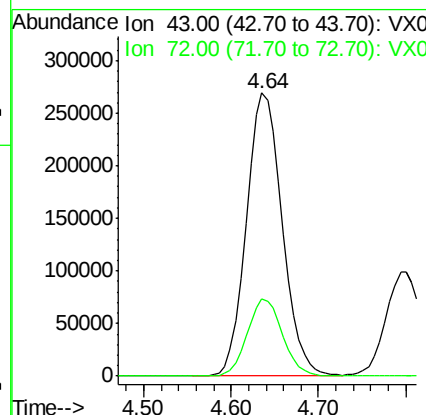
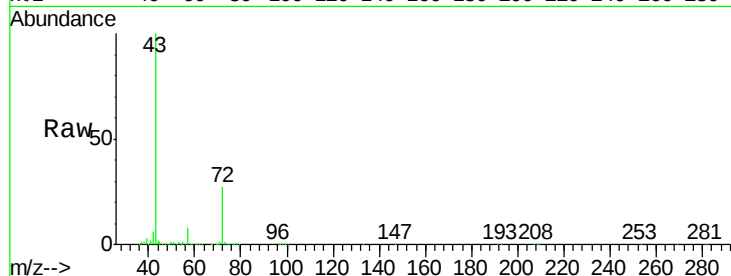
#25
2-Butanone
Concen: 257.833 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 763762
Ion Ratio Lower Upper
43 100
72 27.3 21.8 32.8

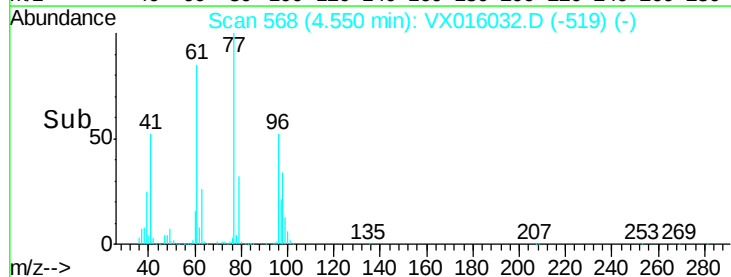
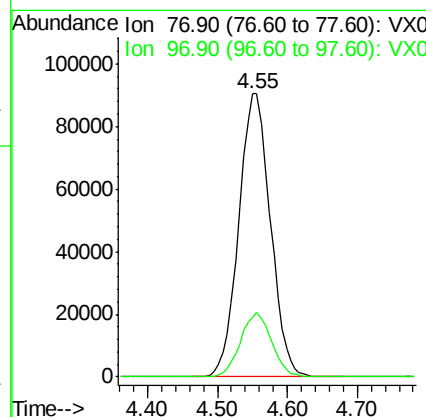
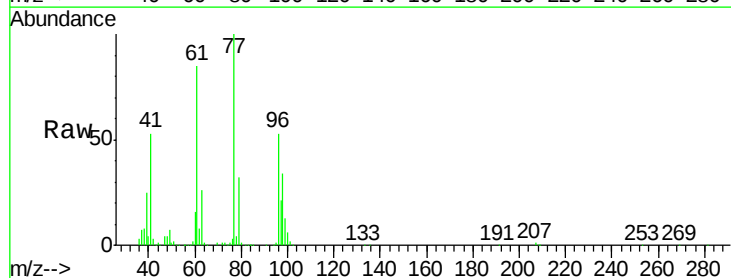
Manual Integrations
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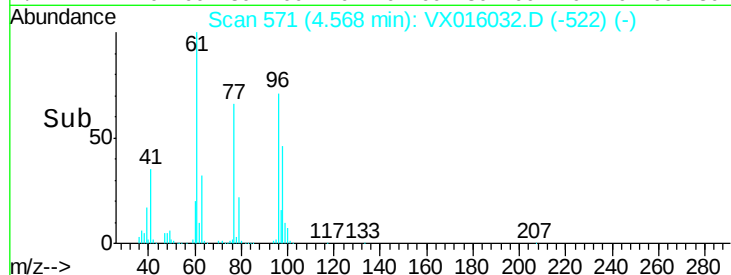
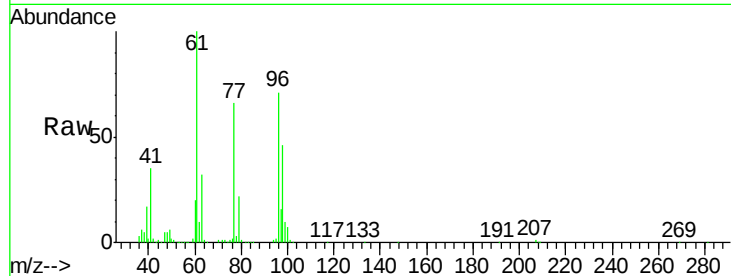
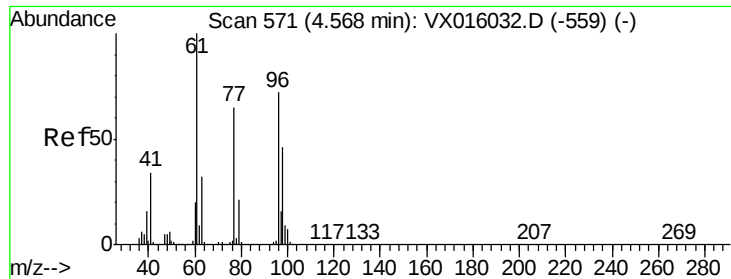
MMDadoda
5/5/2020 11:35:22 AM



#26
2,2-Dichloropropane
Concen: 48.063 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion: 77 Resp: 284491
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

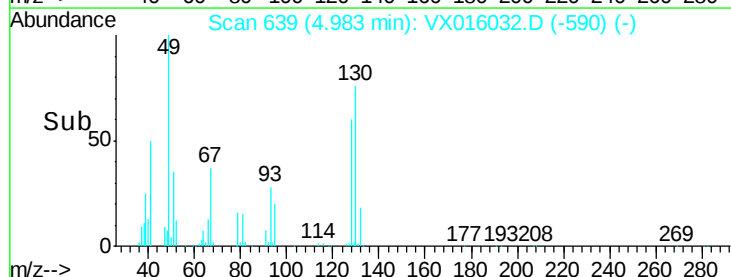
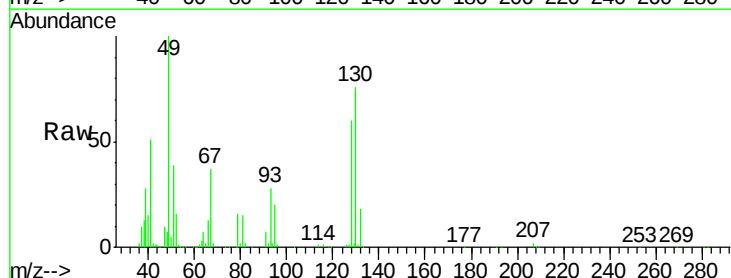
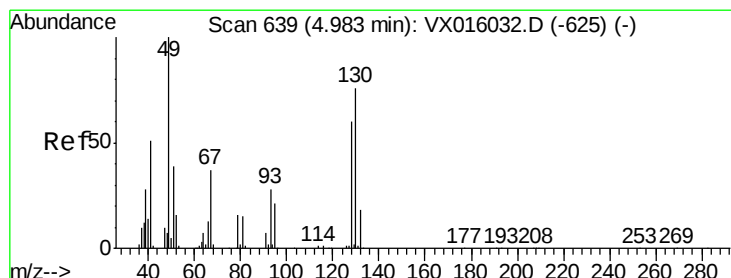
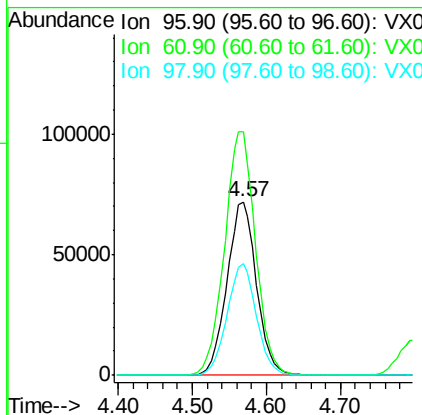
cis-1,2-Dichloroethene
Concen: 49.241 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tot Ion	Ratio	Resp	Lower	Upper
96	100	198145		
61	148.1	0.0	296.2	
98	64.7	0.0	129.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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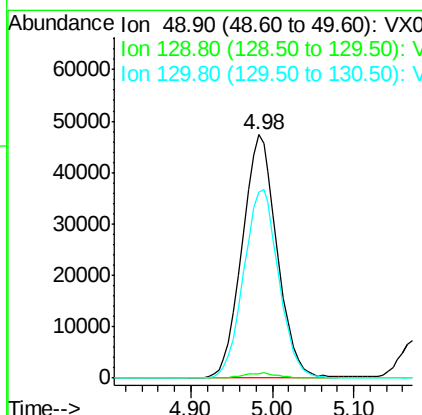
MMDadoda
5/5/2020 11:35:22 AM

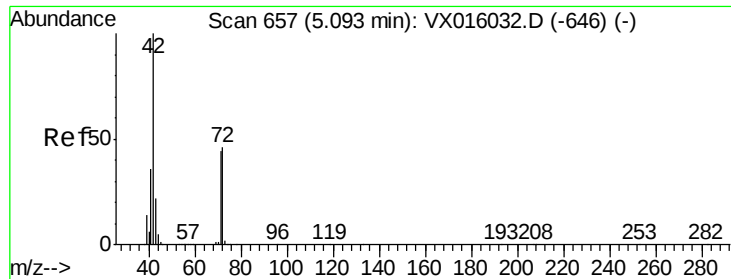


#28

Bromochloromethane
Concen: 48.518 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	140608		
129	2.0	0.0	4.0	
130	78.0	62.4	93.6	





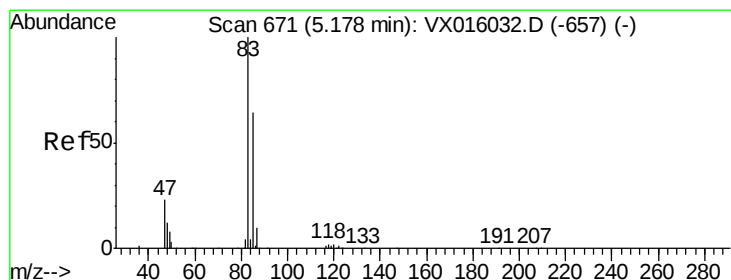
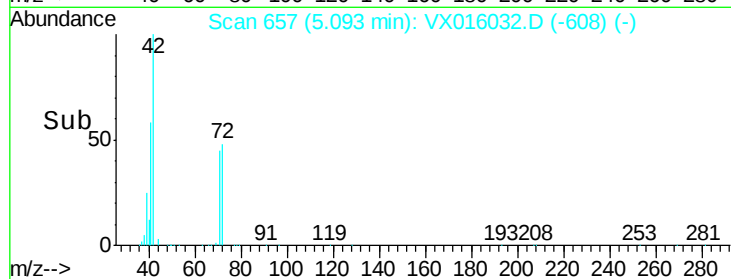
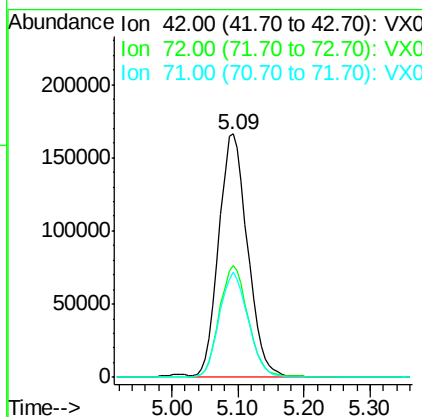
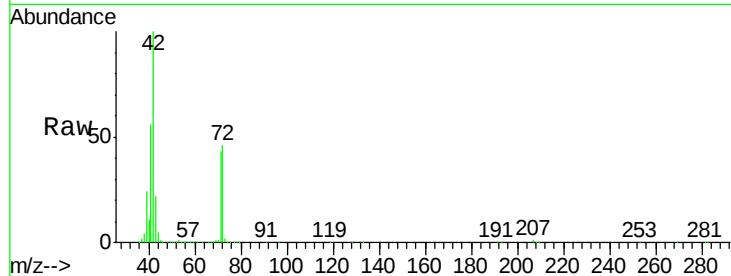
#29
Tetrahydrofuran
Concen: 254.339 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.1	55.7
71	43.1	34.5	51.7

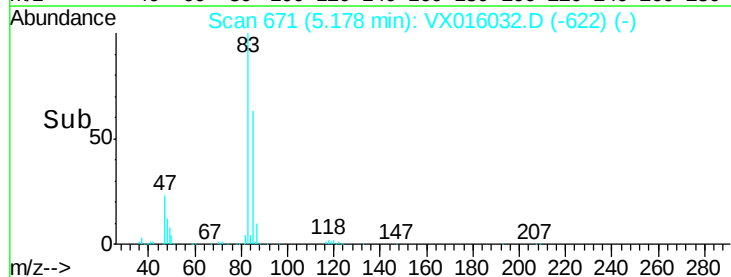
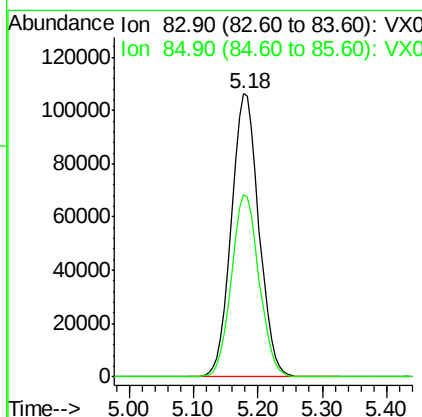
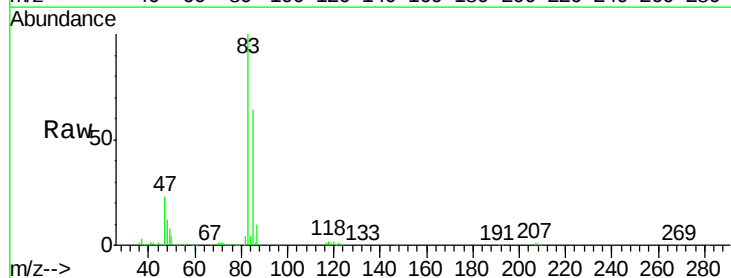
Manual Integrations
APPROVED

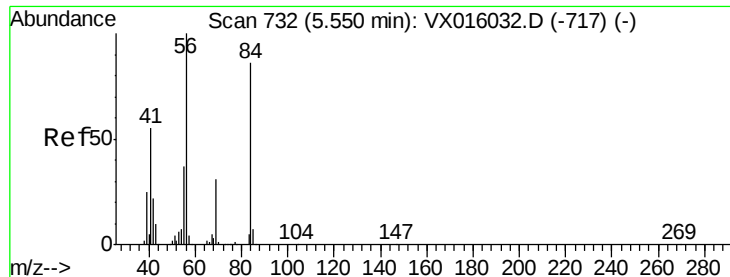
MMDadoda
5/5/2020 11:35:22 AM



#30
Chloroform
Concen: 49.781 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





#31

Cyclohexane

Concen: 49.162 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

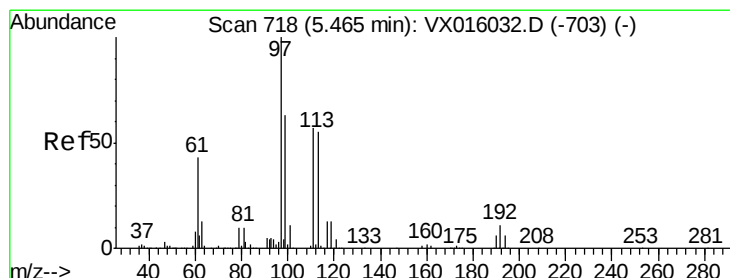
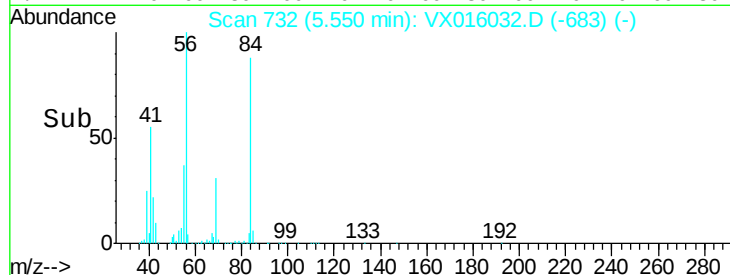
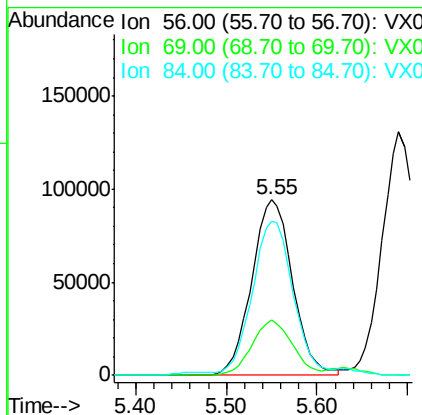
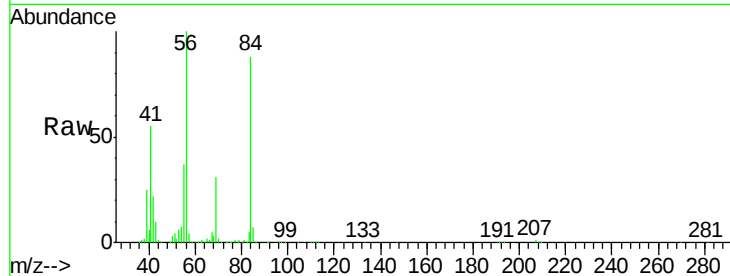
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	293438
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	86.3	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.754 ug/l

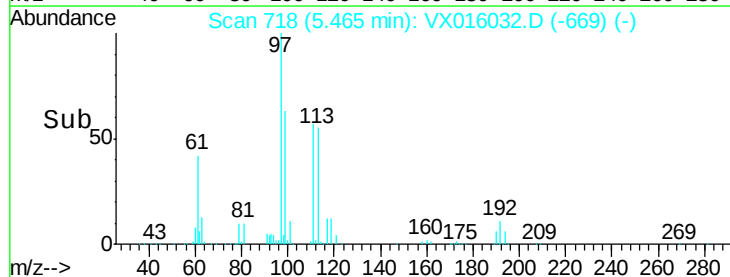
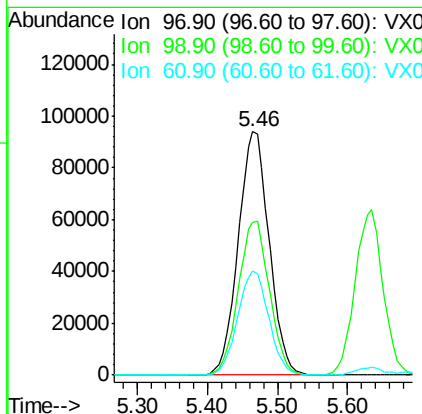
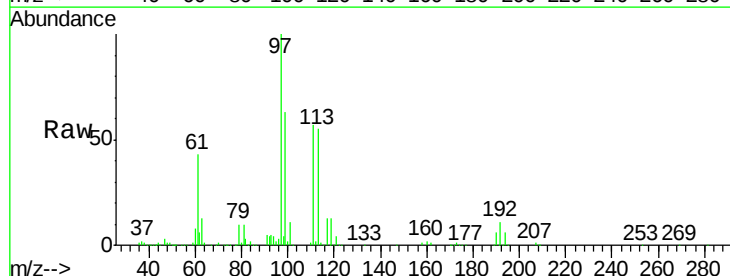
RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion:	97	Resp:	287930
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	43.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 40.421 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 195772

Ion Ratio Lower Upper

65 100

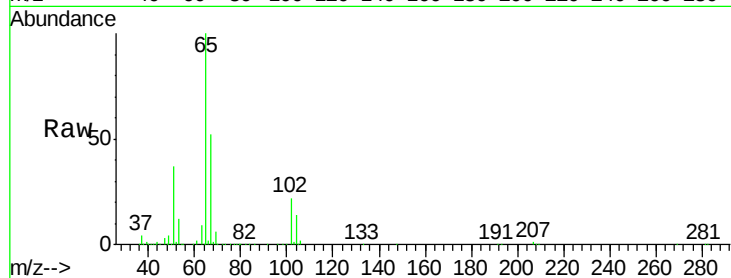
67 52.4 0.0 104.8

Manual Integrations

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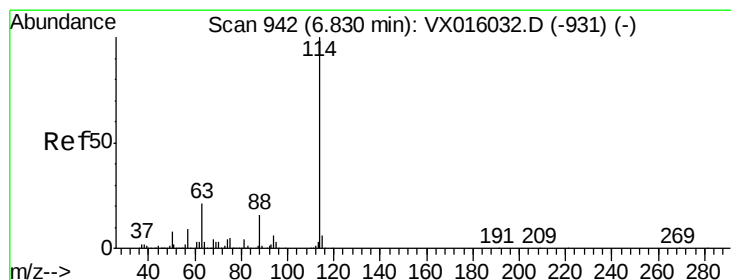
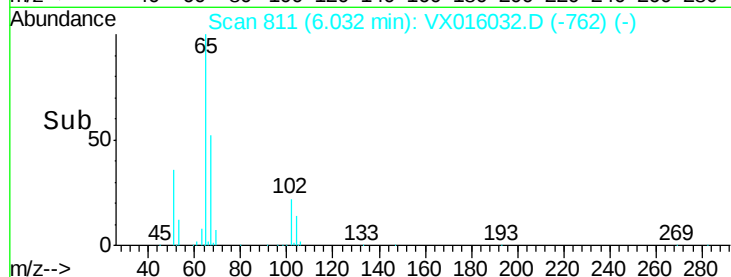
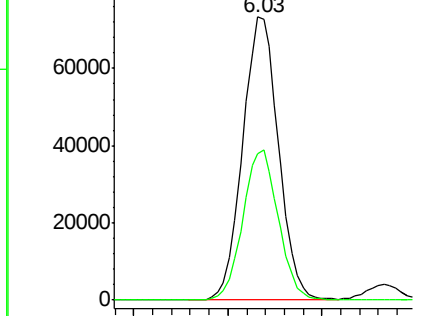
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX016032.D

Acq: 04 May 2020 12:47

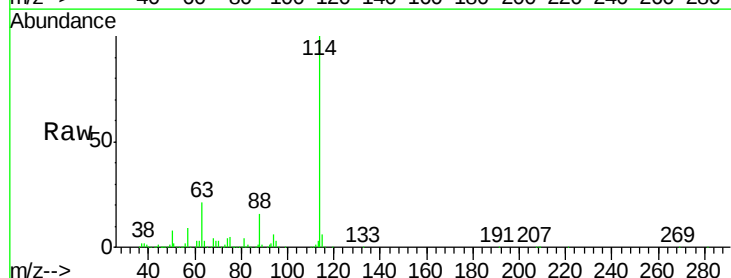
Tgt Ion: 114 Resp: 508114

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

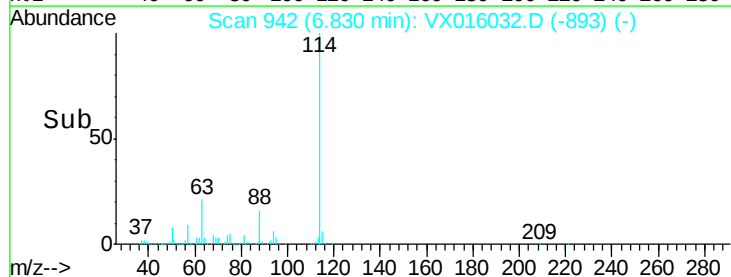
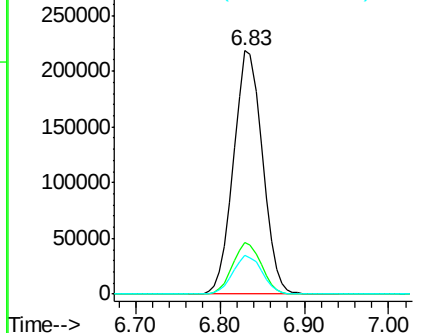
88 15.7 0.0 31.4



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: 42.247 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

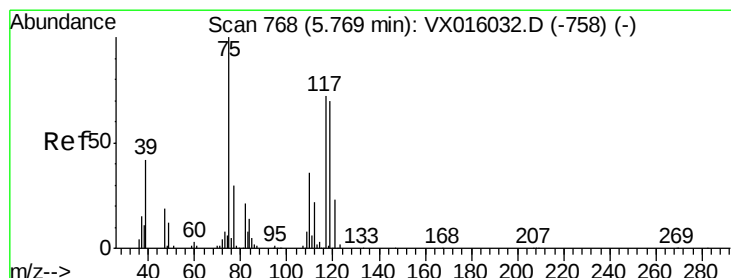
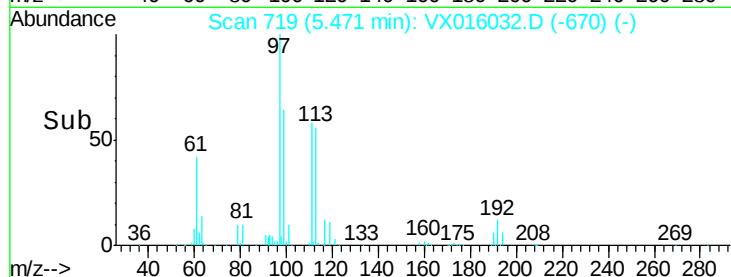
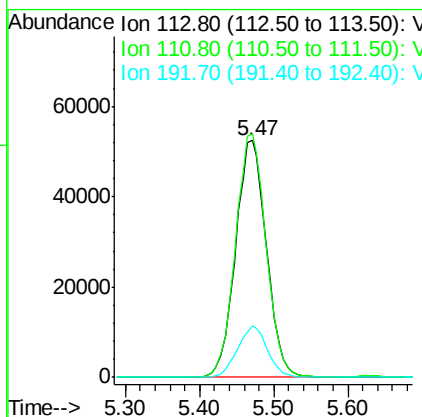
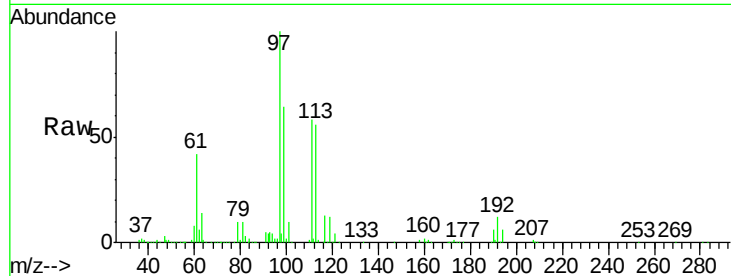
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	151752
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	21.2	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 47.877 ug/l

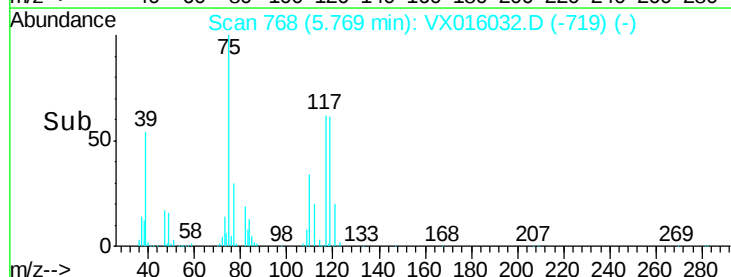
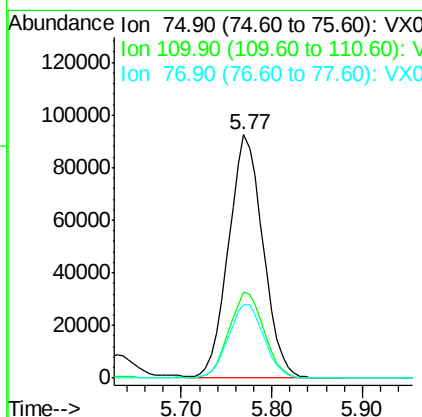
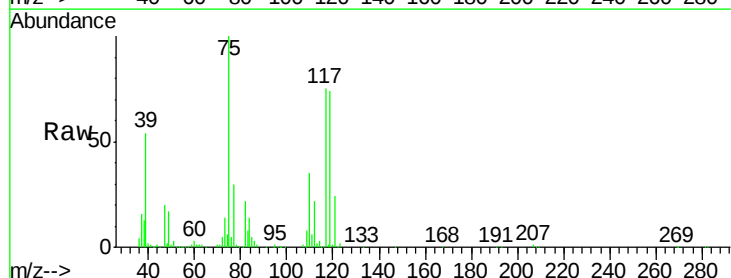
RT: 5.77 min Scan# 768

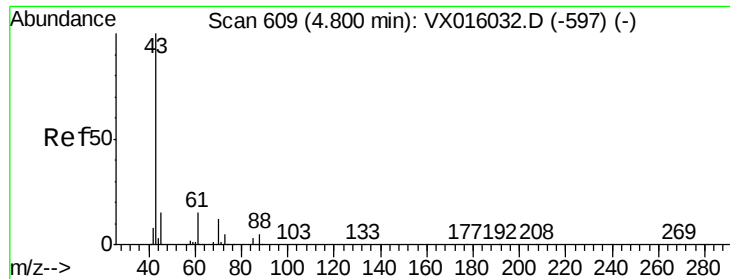
Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion:	75	Resp:	242823
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.1	54.1
77	31.3	25.0	37.6





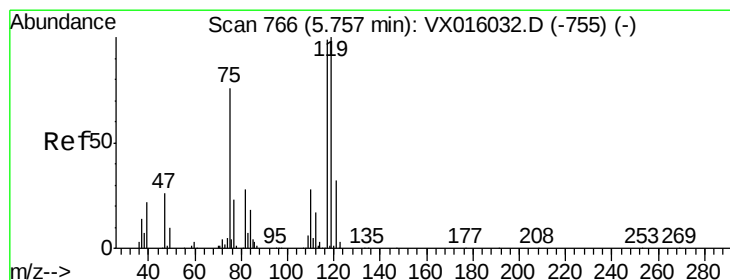
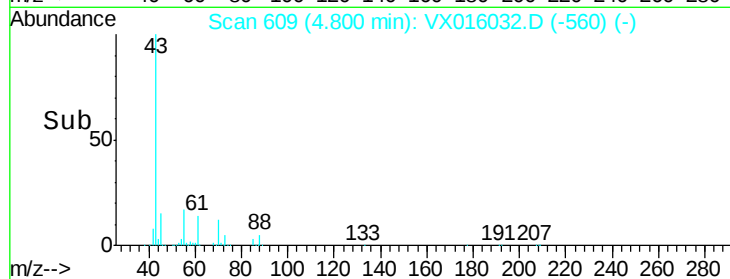
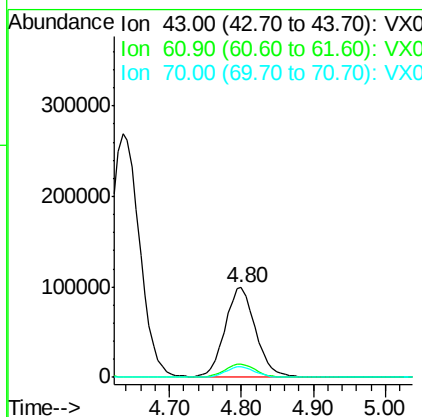
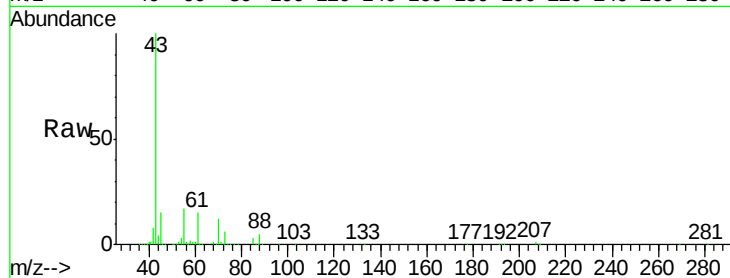
#37
Ethyl Acetate
Concen: 50.429 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	11.6	9.3	13.9

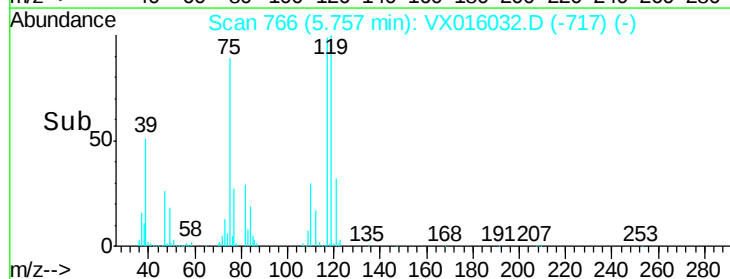
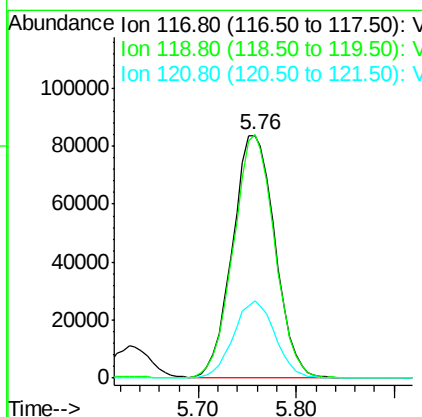
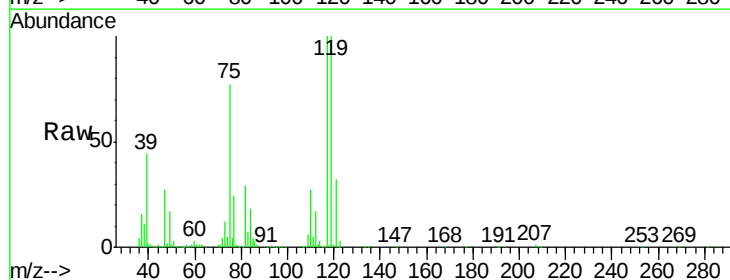
Manual Integrations
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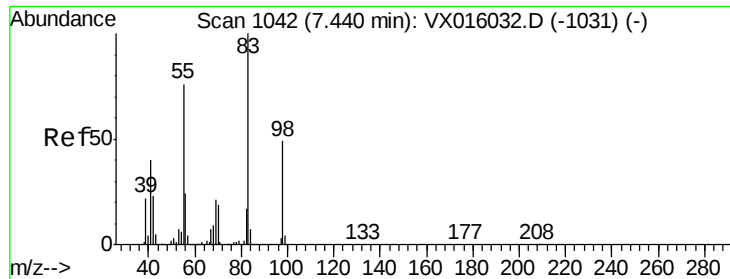
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.538 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	80.3	120.5
121	32.1	25.7	38.5





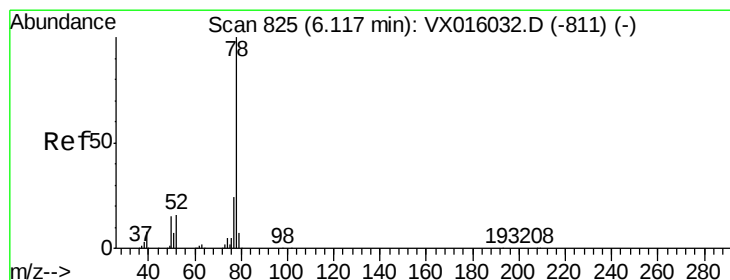
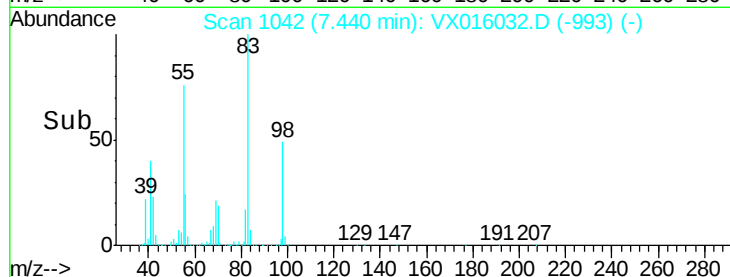
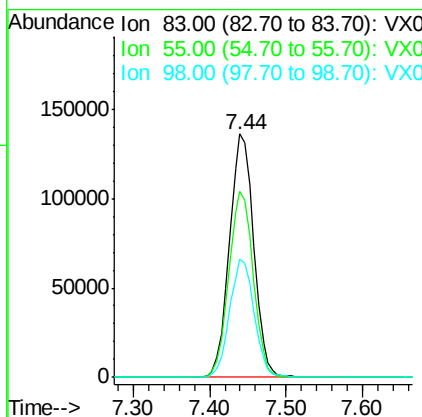
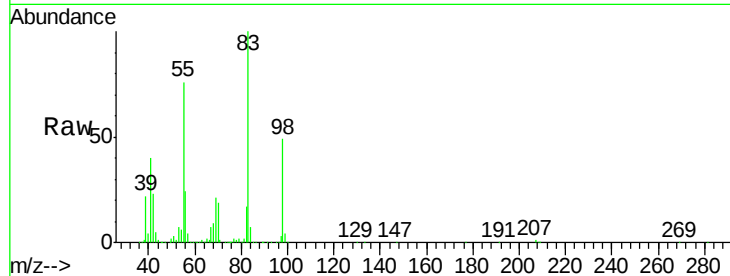
#39
Methvlcvclohexane
Concen: 49.398 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.1	91.7
98	48.7	39.0	58.4

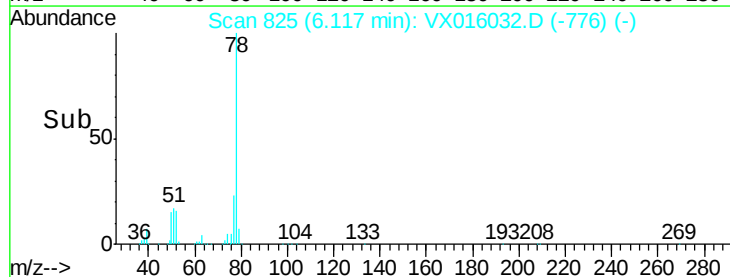
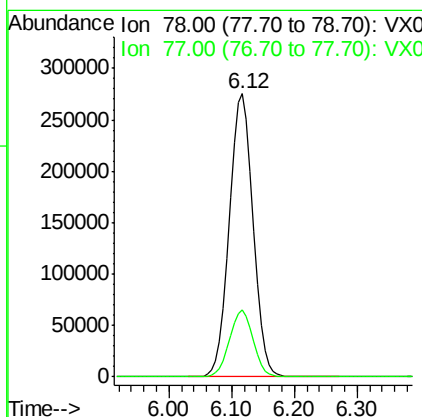
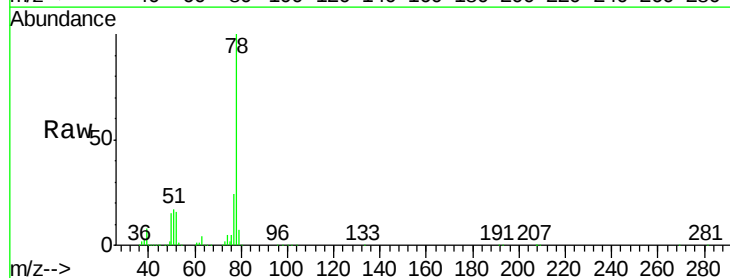
Manual Integrations
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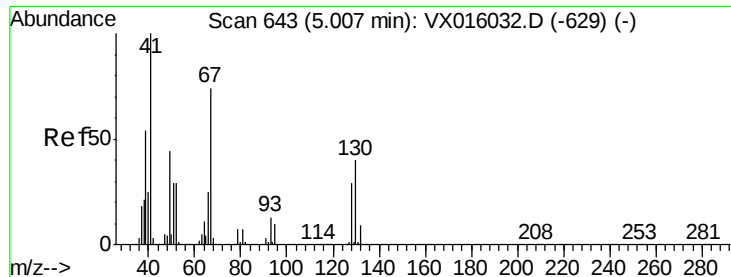
MMDadoda
5/5/2020 11:35:22 AM



#40
Benzene
Concen: 48.483 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





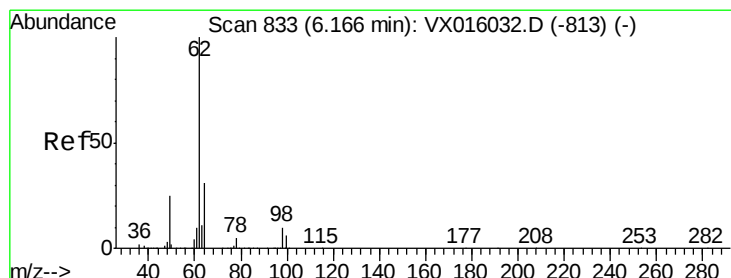
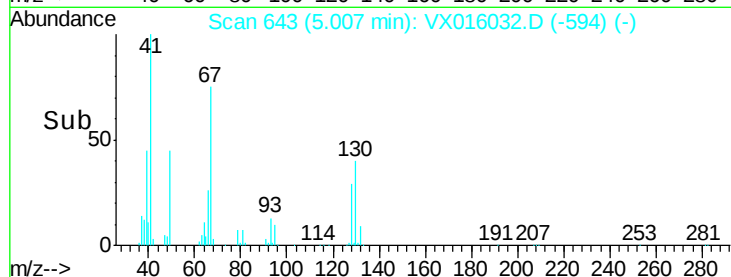
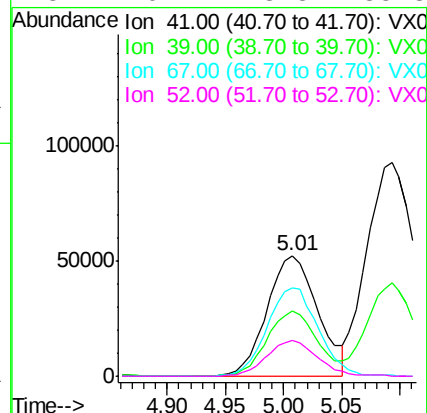
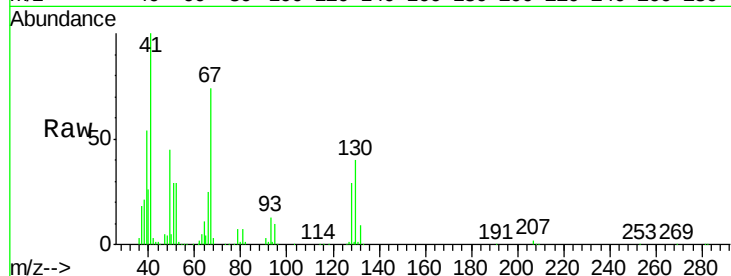
#41
Methacrylonitrile
Concen: 50.668 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	74.1	59.3	88.9
52	29.4	23.5	35.3

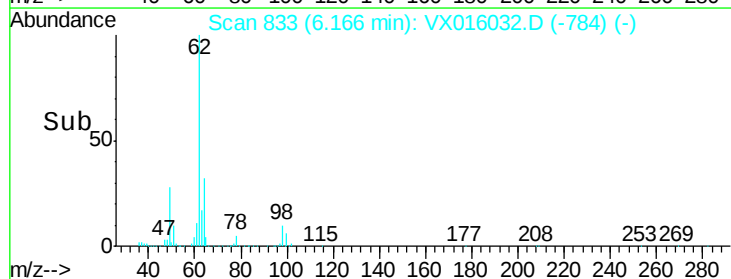
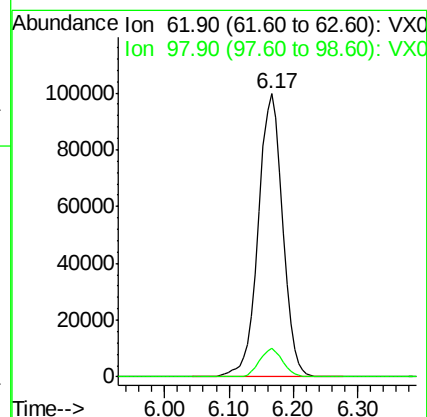
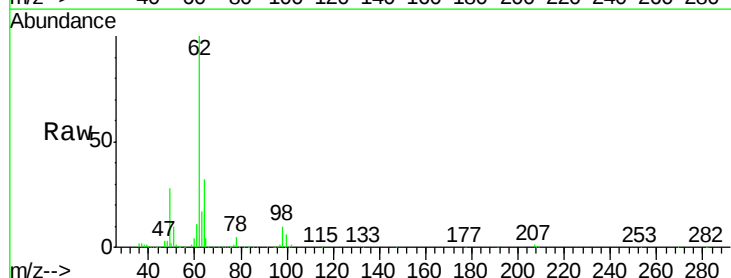
Manual Integrations
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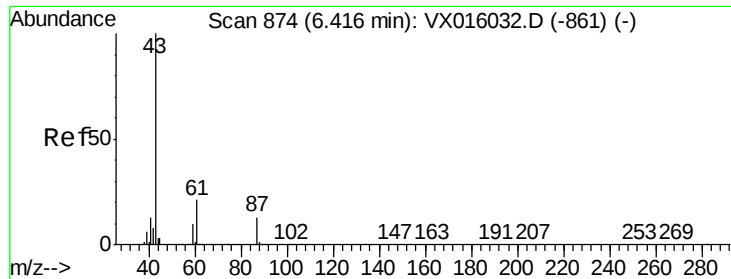
MMDadoda
5/5/2020 11:35:22 AM



#42
1,2-Dichloroethane
Concen: 48.251 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

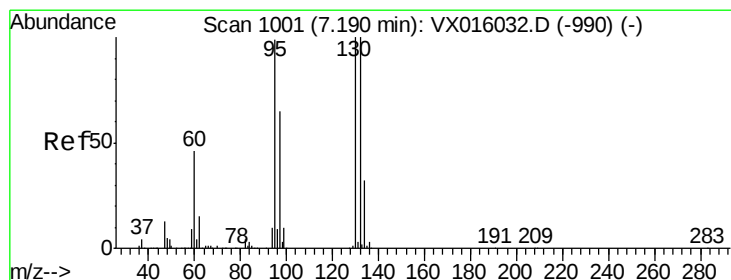
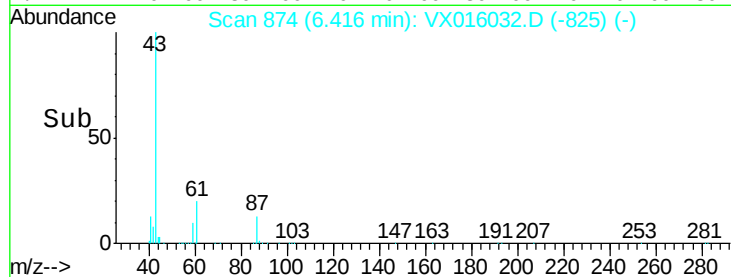
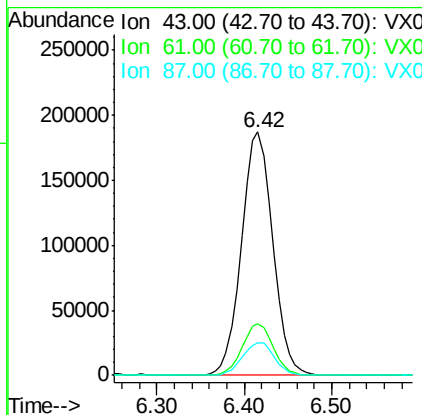
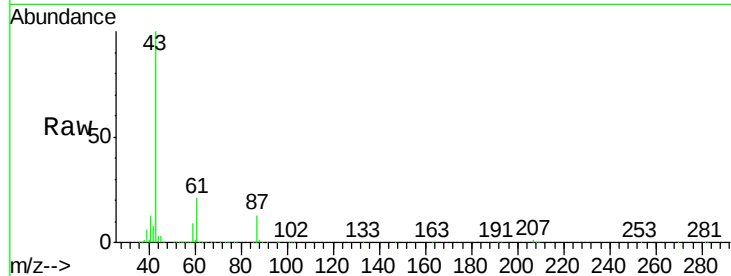
Isopropyl Acetate
 Concen: 50.294 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	13.8	11.0	16.6

Manual Integrations
 APPROVED

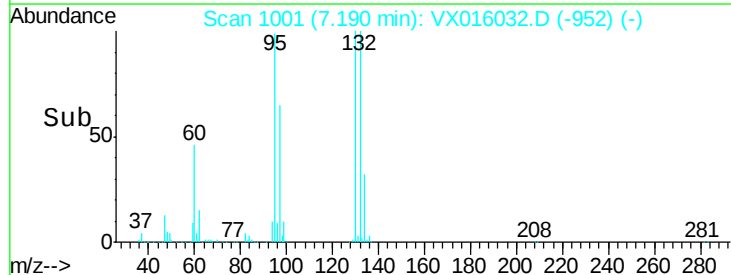
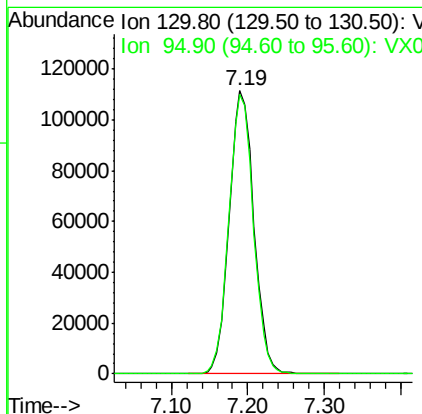
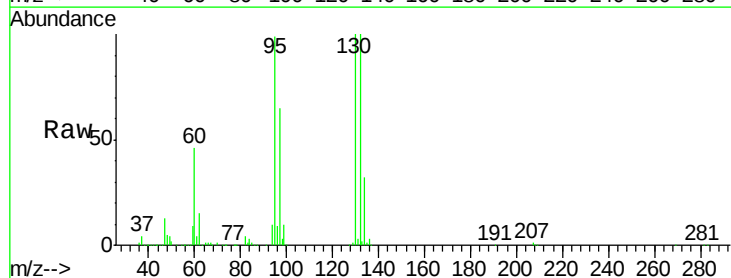
MMDadoda
 5/5/2020 11:35:22 AM

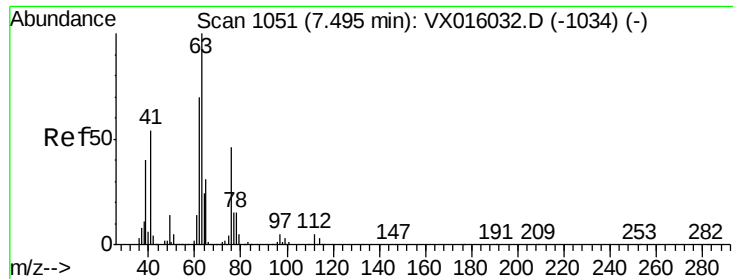


#44

Trichloroethene
 Concen: 45.305 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.672 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 185153

Ion Ratio Lower Upper

63 100

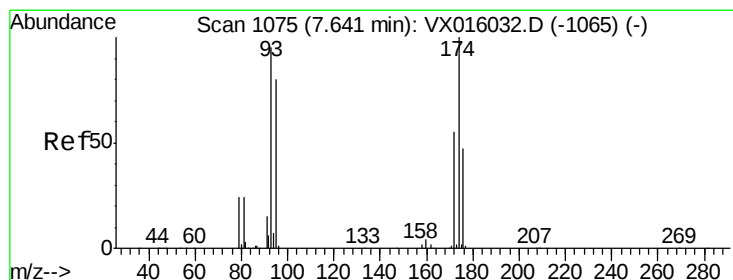
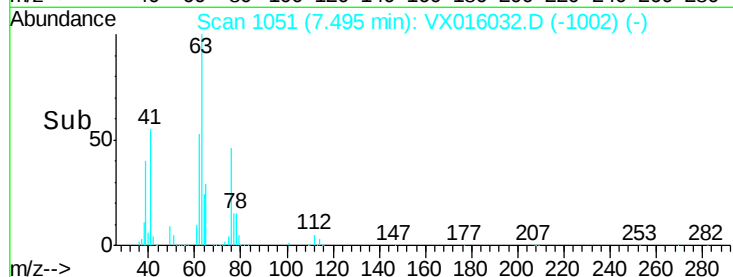
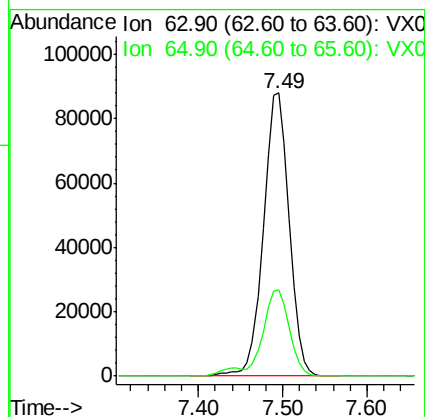
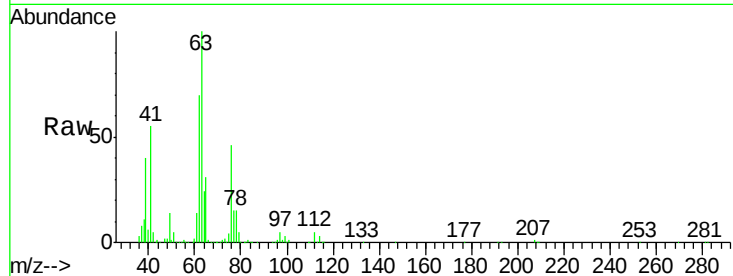
65 30.5 24.4 36.6

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#46

Dibromomethane

Concen: 48.809 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

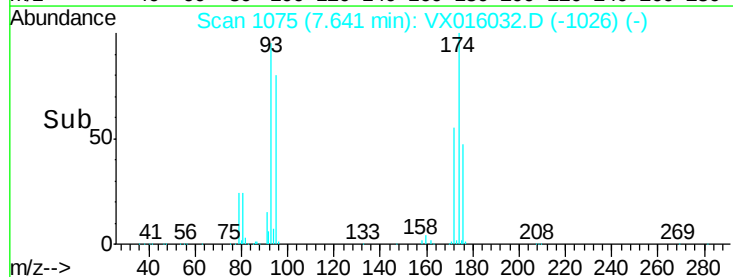
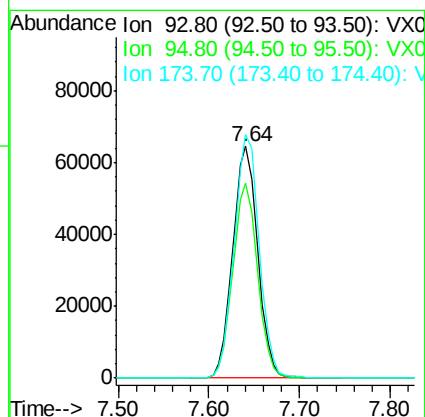
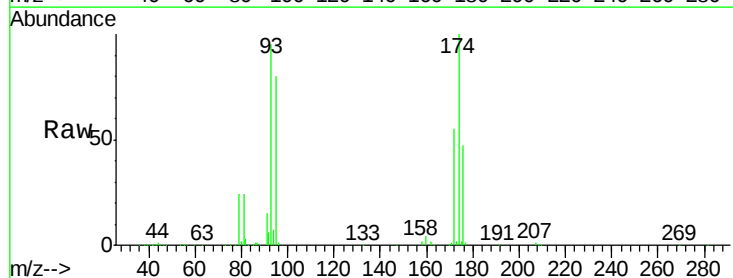
Tgt Ion: 93 Resp: 123715

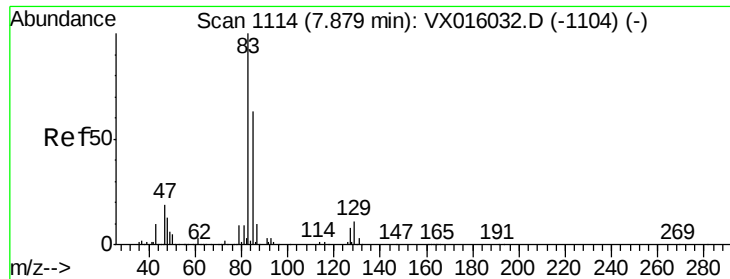
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 105.3 84.2 126.4





#47

Bromodichloromethane

Concen: 50.872 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

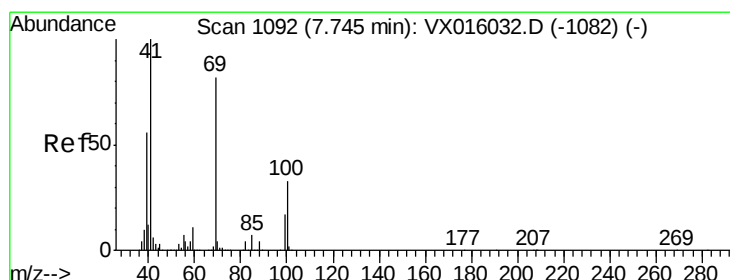
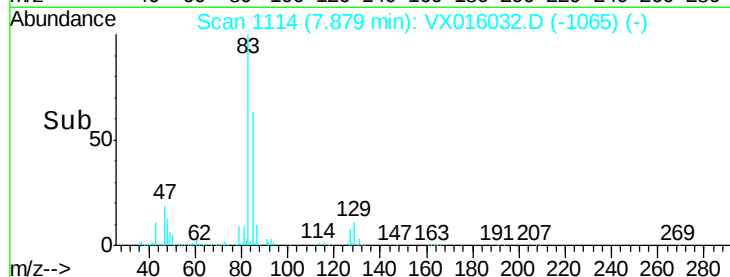
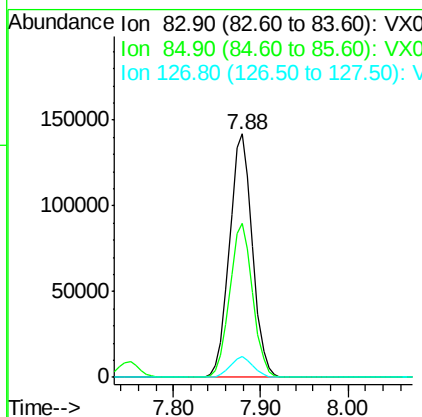
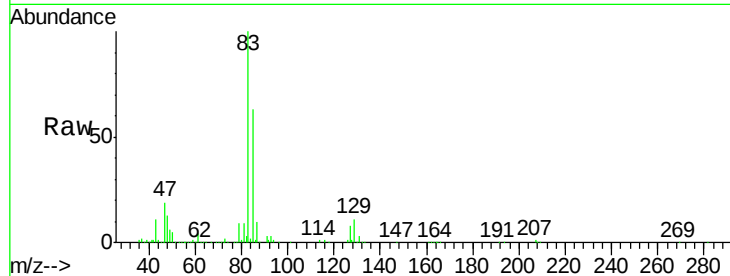
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	258890
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7
127	8.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.998 ug/l

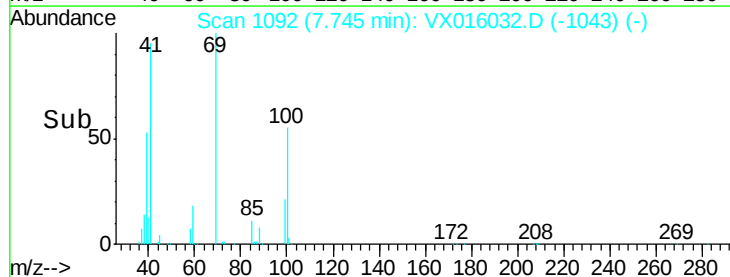
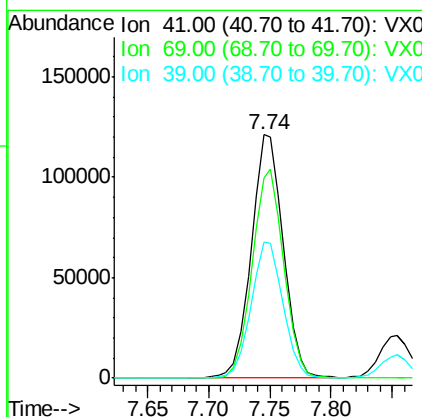
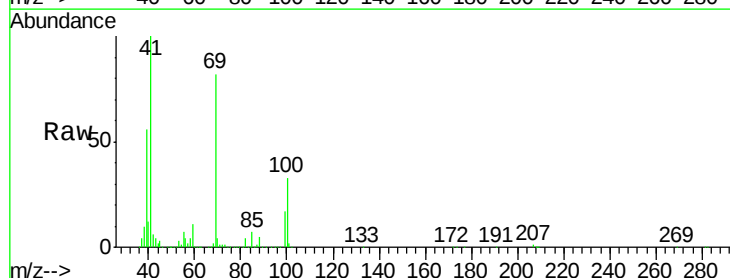
RT: 7.74 min Scan# 1092

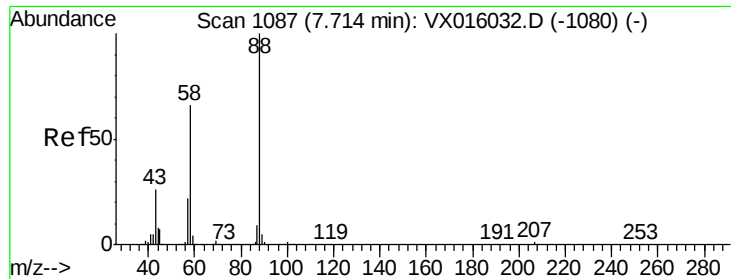
Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion:	41	Resp:	220544
Ion	Ratio	Lower	Upper
41	100		
69	84.7	67.8	101.6
39	55.8	44.6	67.0





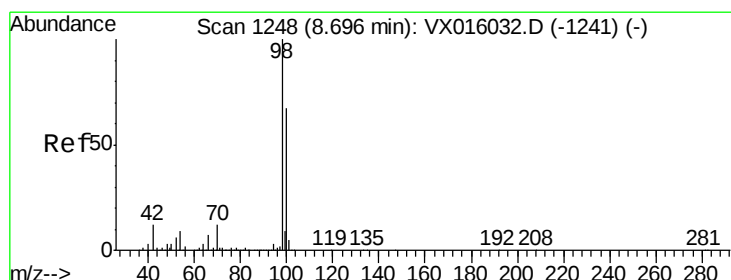
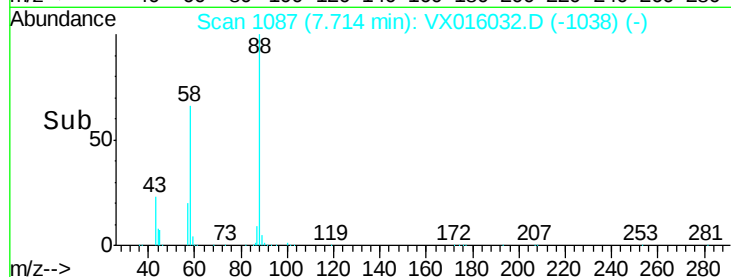
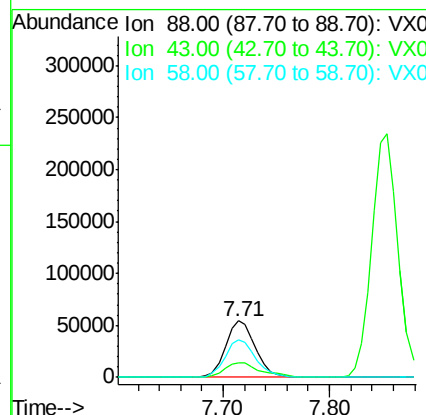
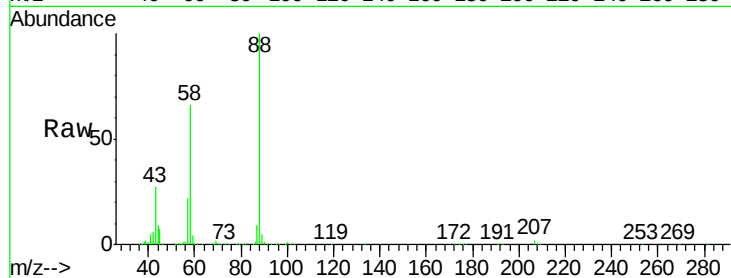
#49
1,4-Dioxane
Concen: 1002.962 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.3	37.9
58	69.9	55.9	83.9

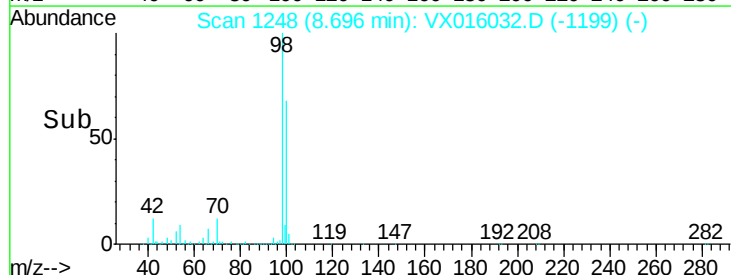
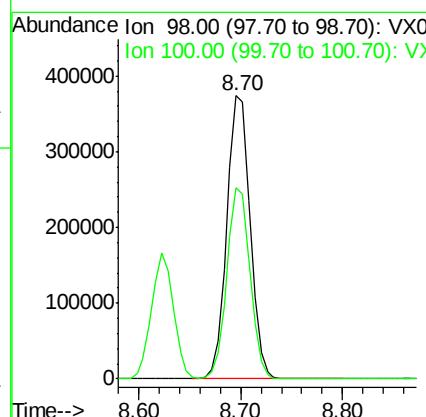
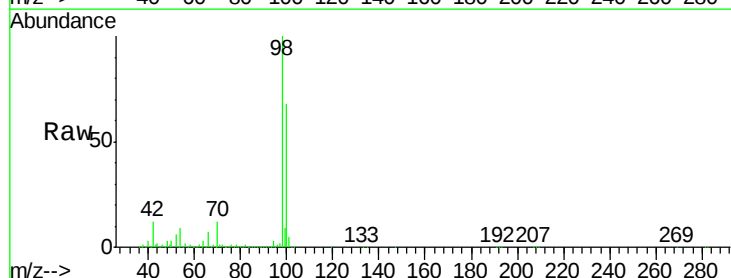
Manual Integrations
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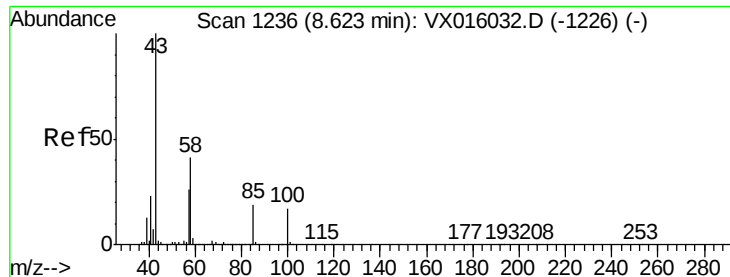
MMDadoda
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#50
Toluene-d8
Concen: 44.232 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 260.443 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1457309

Ion Ratio Lower Upper

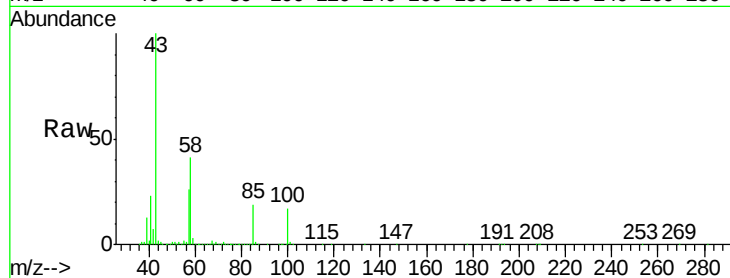
43 100

58 41.2 33.0 49.4

Manual Integrations
APPROVED

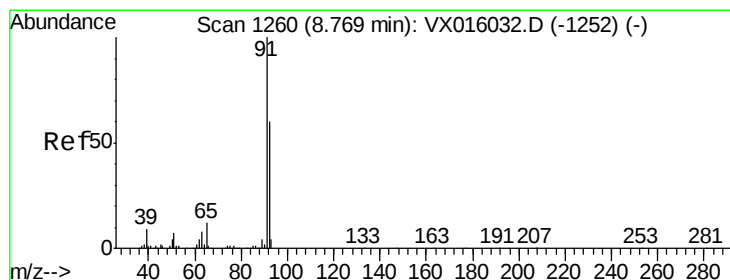
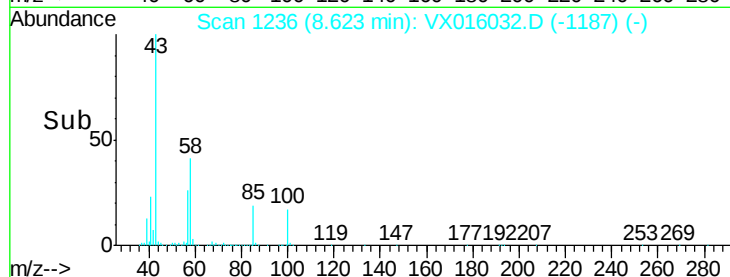
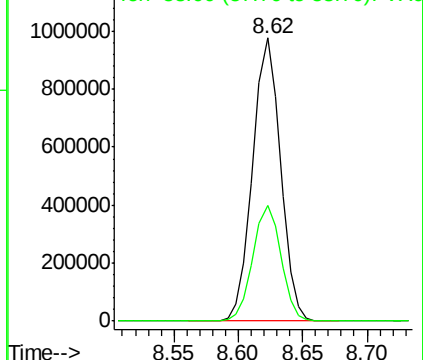
MMDadoda

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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: 49.890 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016032.D

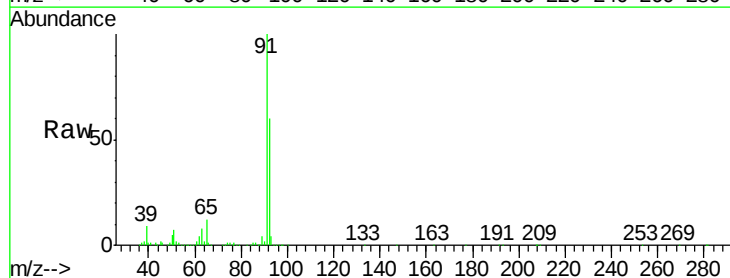
Acq: 04 May 2020 12:47

Tgt Ion: 92 Resp: 456255

Ion Ratio Lower Upper

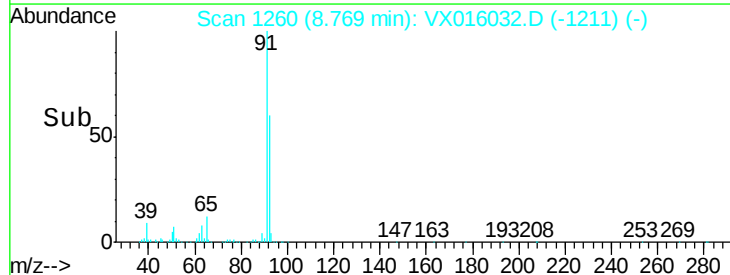
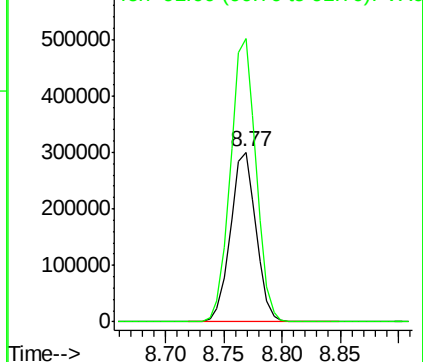
92 100

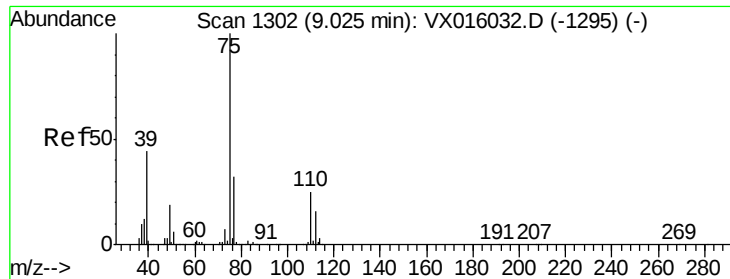
91 168.1 134.5 201.7



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: 49.746 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tot Ion: 75 Resp: 302910

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

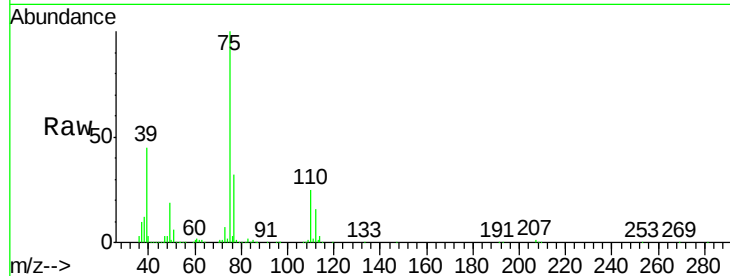
VSTDICCC050

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

250000

200000

150000

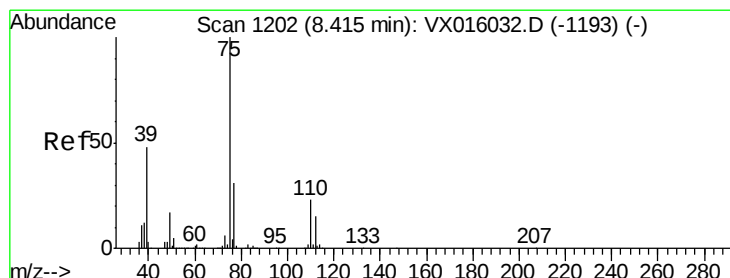
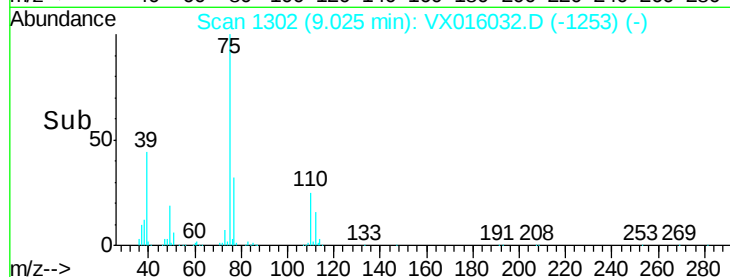
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.685 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

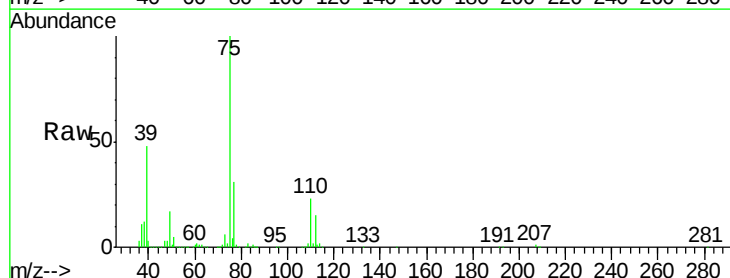
Tgt Ion: 75 Resp: 317865

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 48.4 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

150000

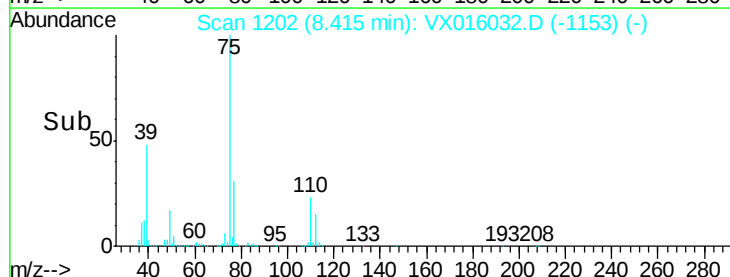
100000

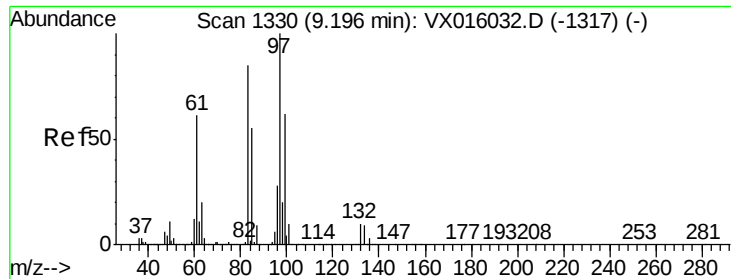
50000

0

8.30 8.40 8.50

Time-->





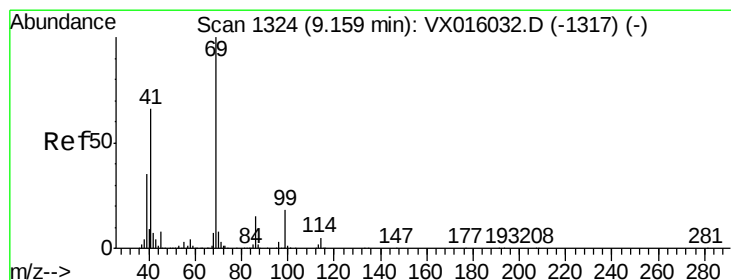
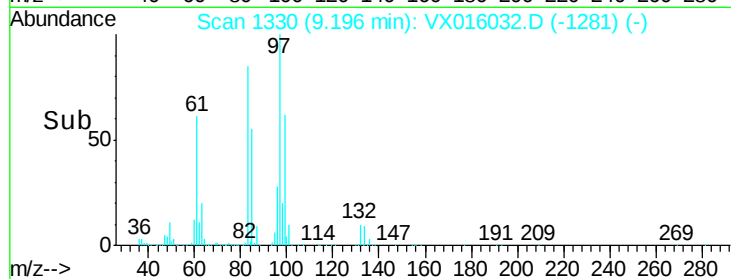
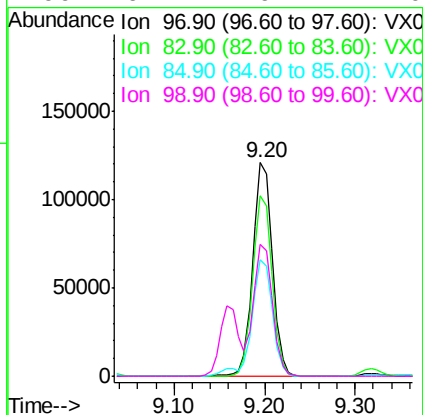
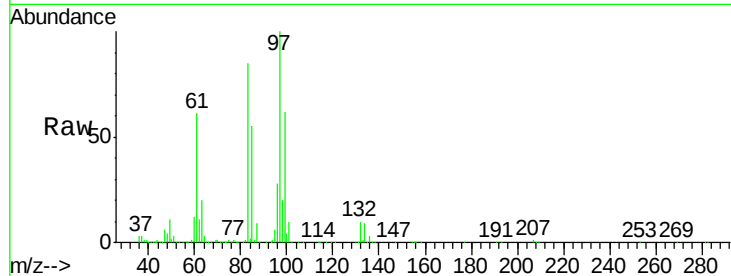
#55
 1,1,2-Trichloroethane
 Concen: 50.608 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	180858
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.8
85	54.8	43.8	65.8
99	61.7	49.4	74.0

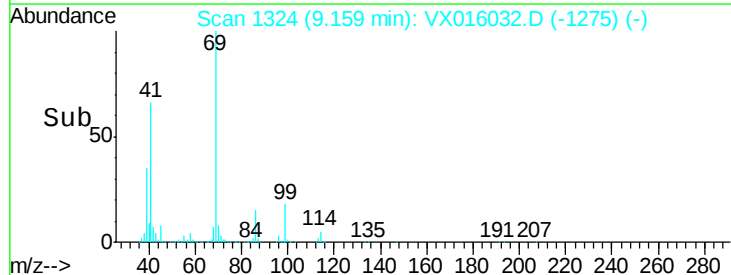
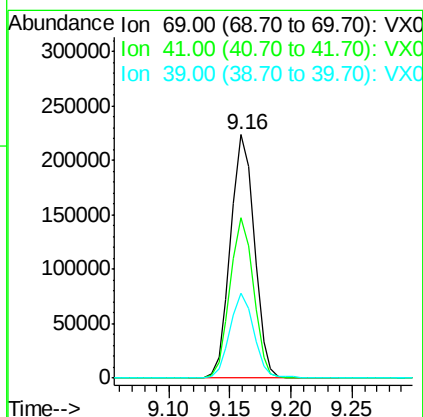
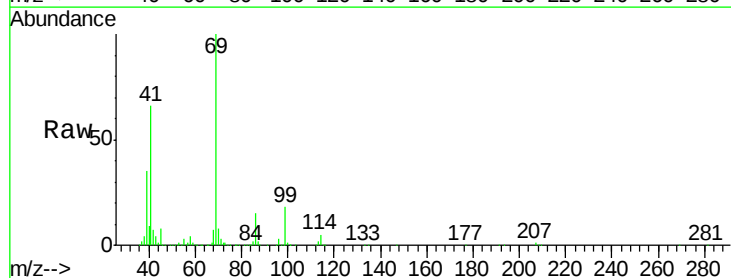
Manual Integrations
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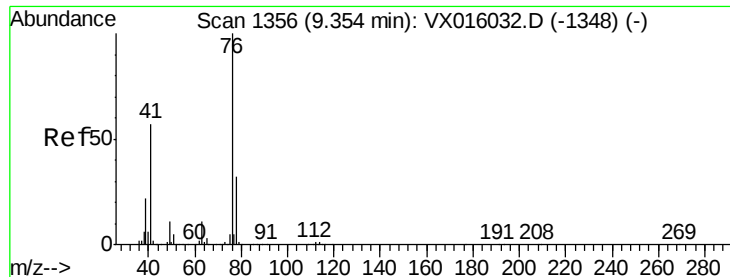
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#56
 Ethyl methacrylate
 Concen: 53.305 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion:	69	Resp:	301385
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.2	78.4
39	35.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 49.646 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 76 Resp: 312676

Ion Ratio Lower Upper

76 100

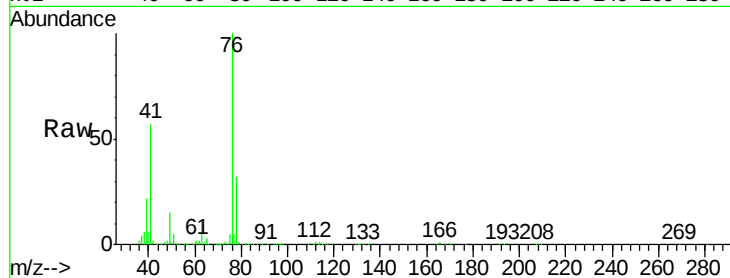
78 32.4 25.9 38.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

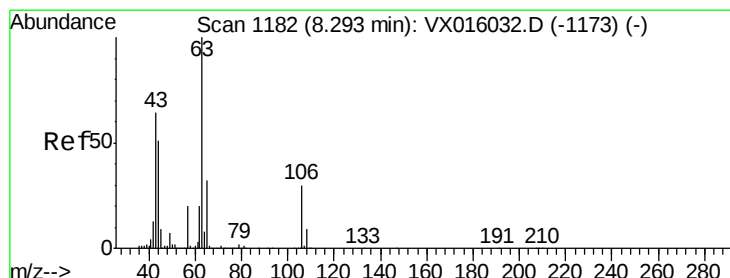
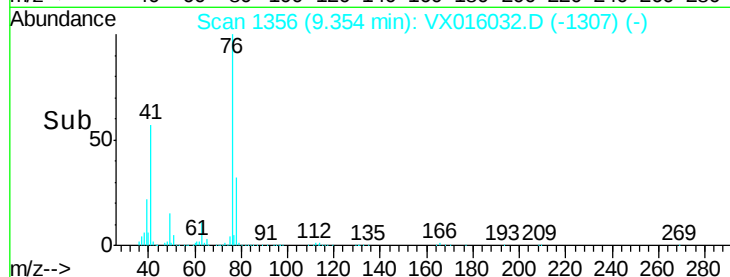
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.632 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016032.D

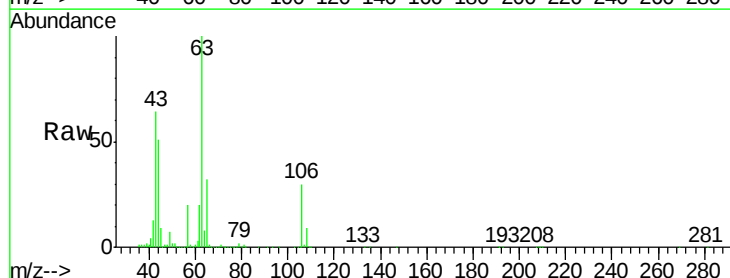
Acq: 04 May 2020 12:47

Tgt Ion: 63 Resp: 787324

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

600000

500000

400000

300000

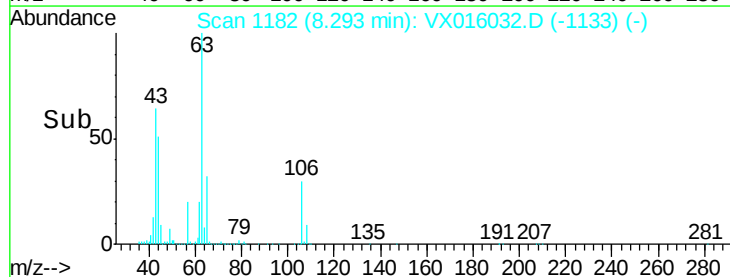
200000

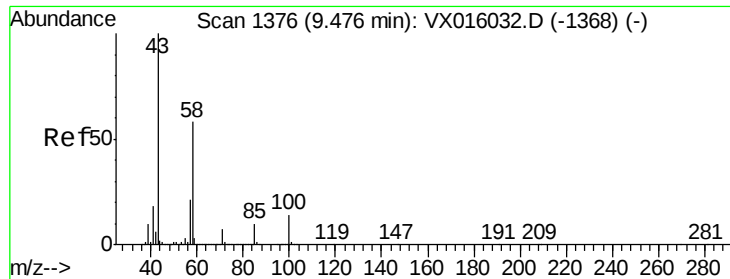
100000

0

8.20 8.30 8.40

Time-->





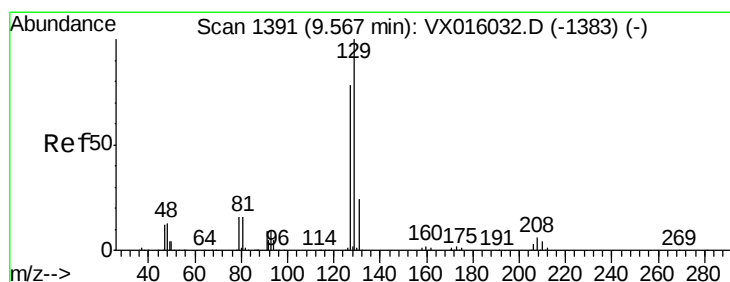
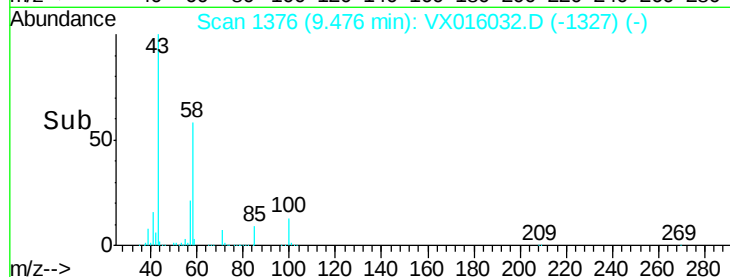
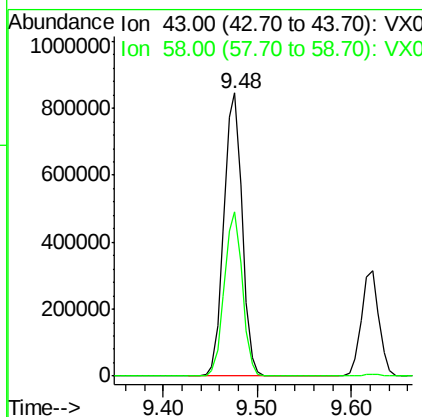
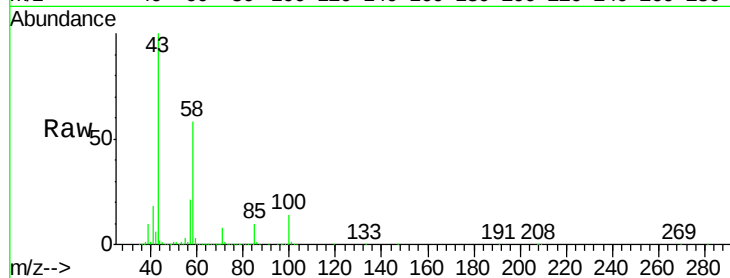
#59
2-Hexanone
Concen: 259.122 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1136262
Ion Ratio Lower Upper
43 100
58 57.3 28.6 85.9

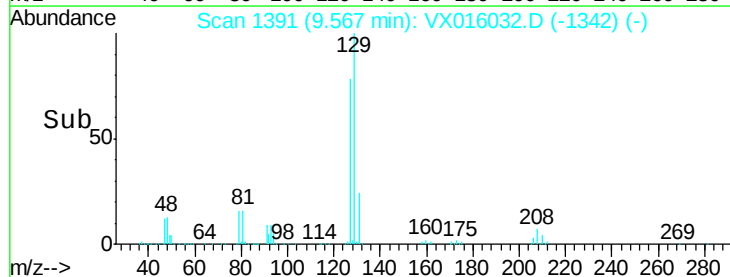
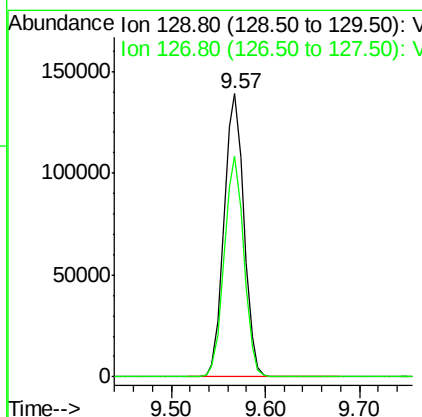
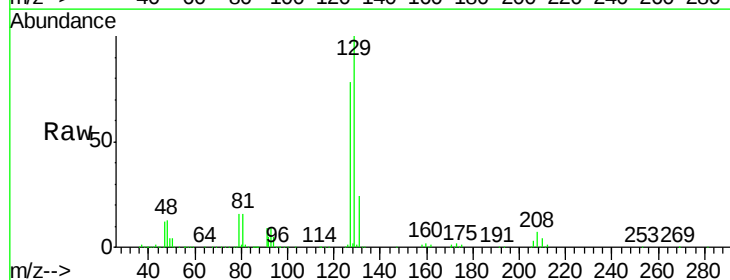
Manual Integrations
APPROVED

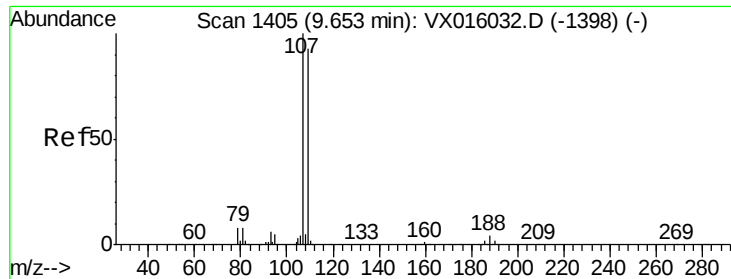
MMDadoda
5/5/2020 11:35:22 AM



#60
Dibromochloromethane
Concen: 52.892 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion: 129 Resp: 203668
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.368 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 198506

Ion Ratio Lower Upper

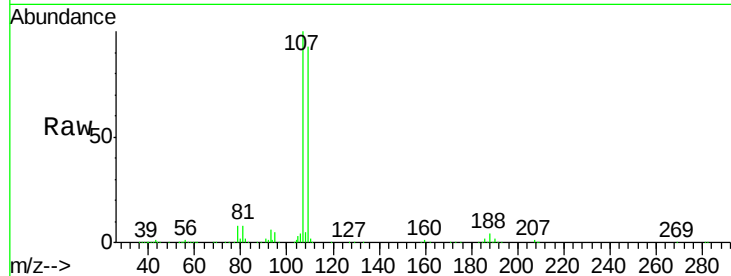
107 100

109 93.6 74.9 112.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

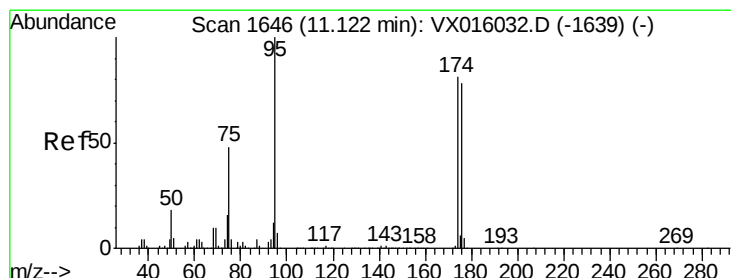
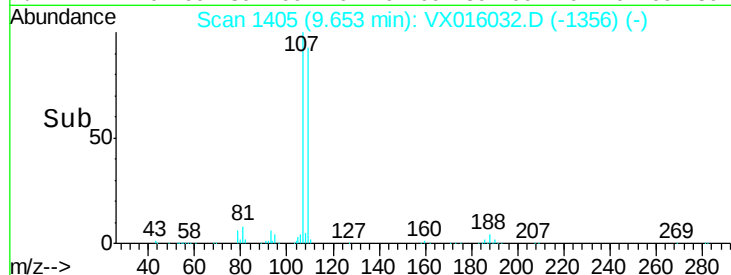
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.886 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

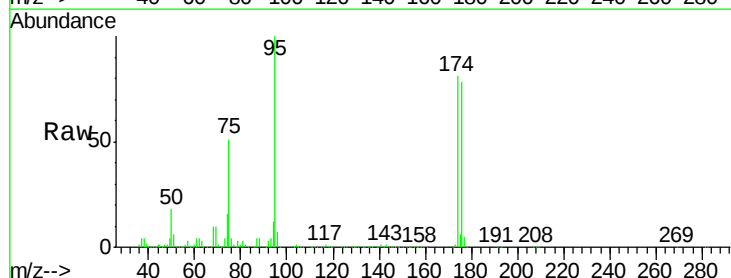
Tgt Ion: 95 Resp: 225256

Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.4

176 78.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

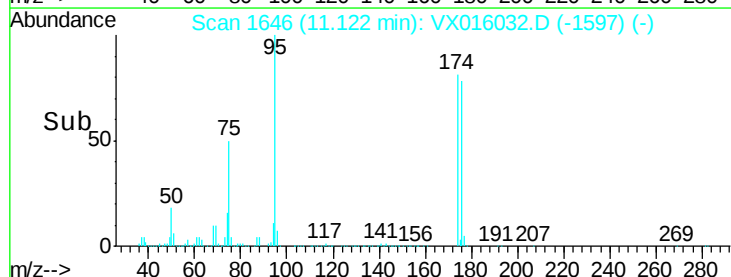
150000

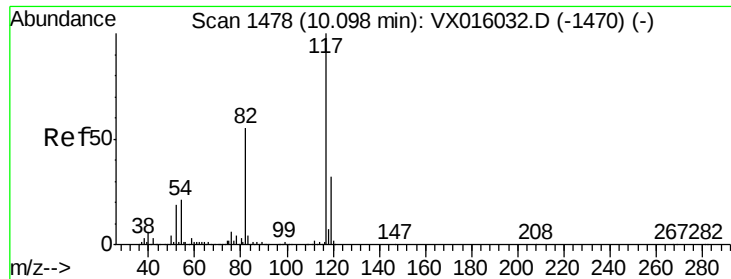
100000

50000

0

Time-->





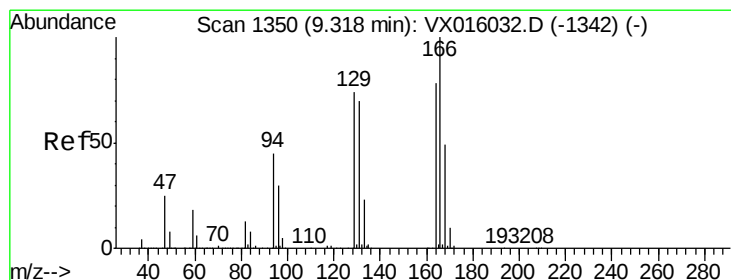
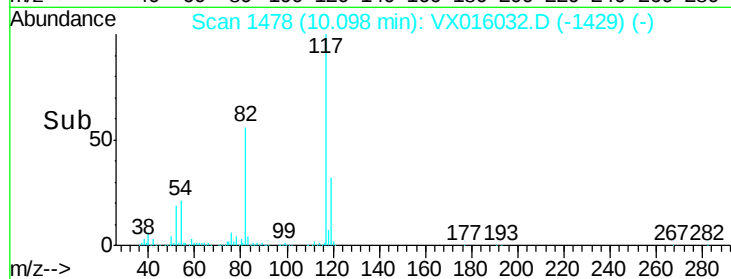
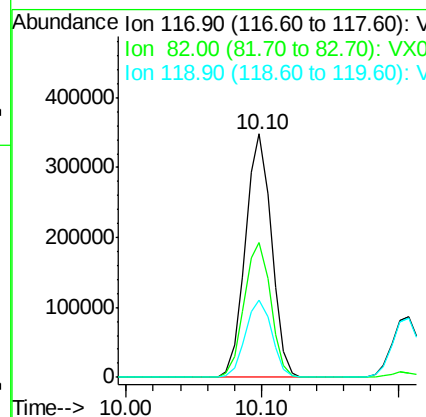
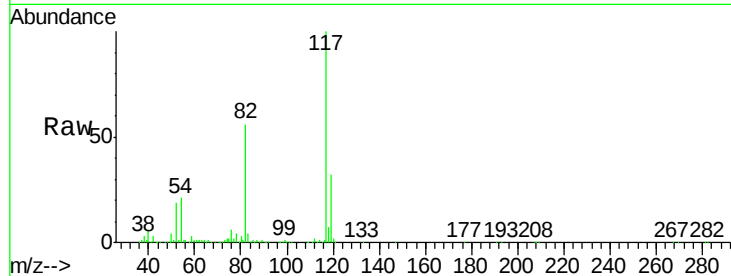
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	467446		
82	55.5	44.4	66.6	
119	31.9	25.5	38.3	

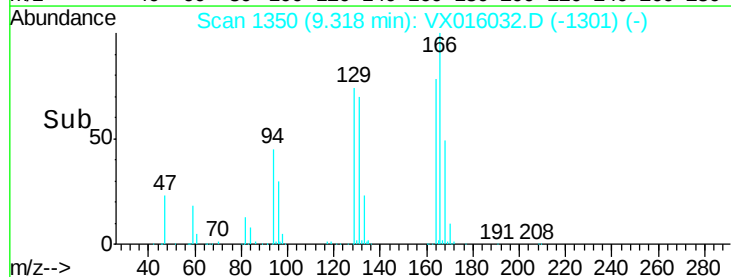
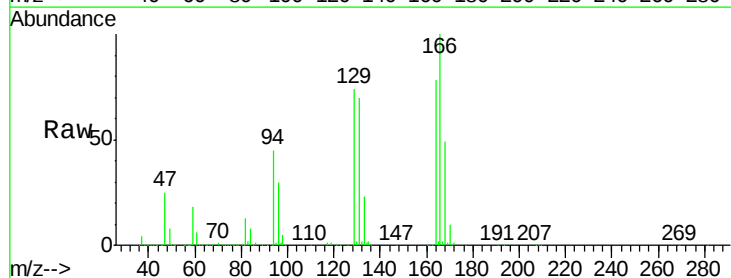
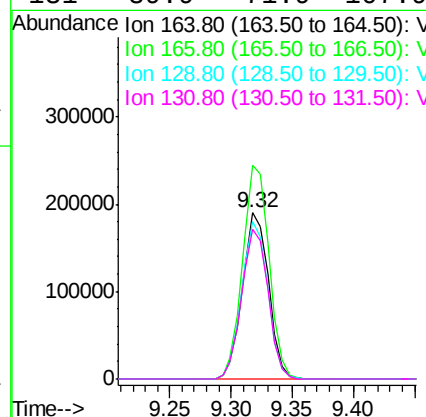
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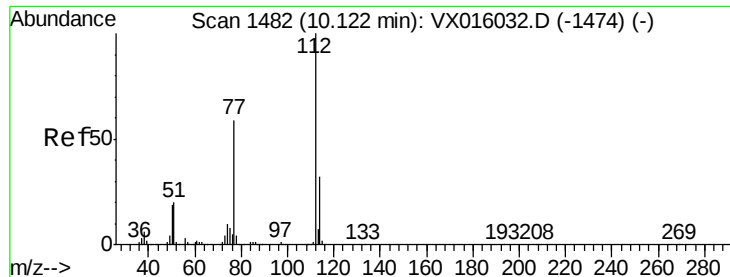
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#64
Tetrachloroethene
Concen: 47.245 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	280455		
166	128.6	102.9	154.3	
129	95.1	76.1	114.1	
131	89.9	71.9	107.9	





#65

Chlorobenzene

Concen: 48.927 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 484943

Ion Ratio Lower Upper

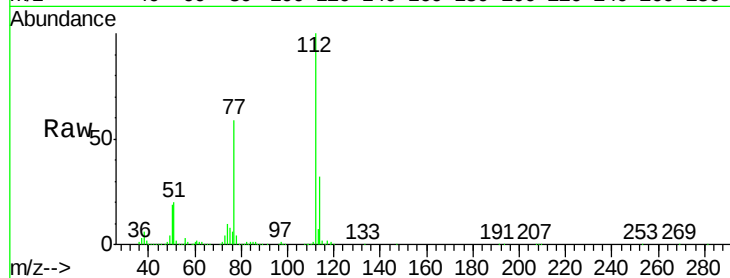
112 100

114 32.1 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

400000

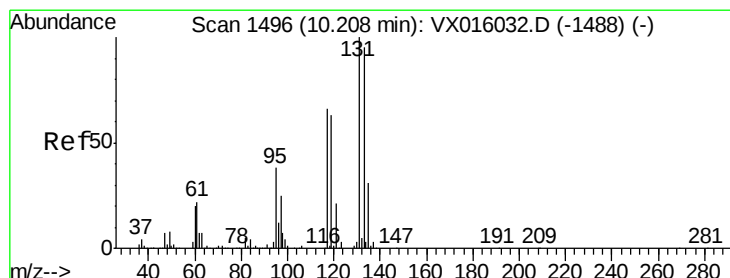
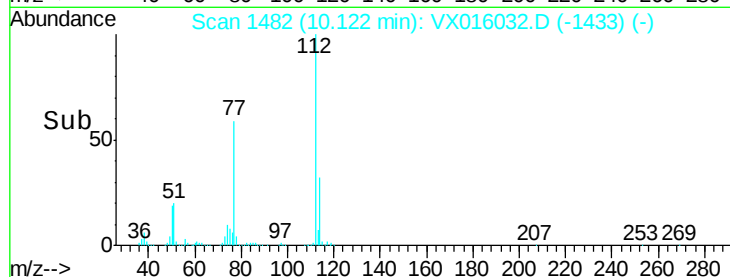
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 50.606 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

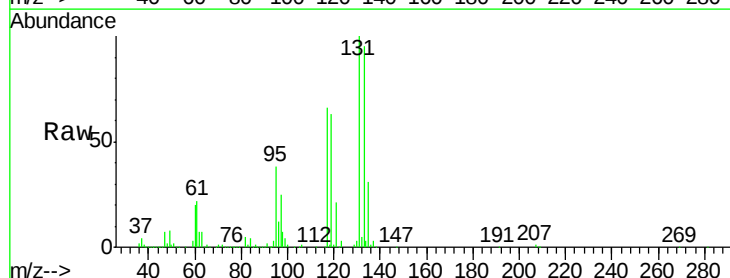
Tgt Ion:131 Resp: 182488

Ion Ratio Lower Upper

131 100

133 96.5 48.3 144.8

119 64.6 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

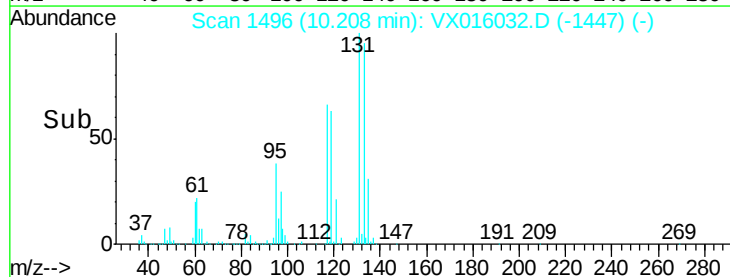
150000

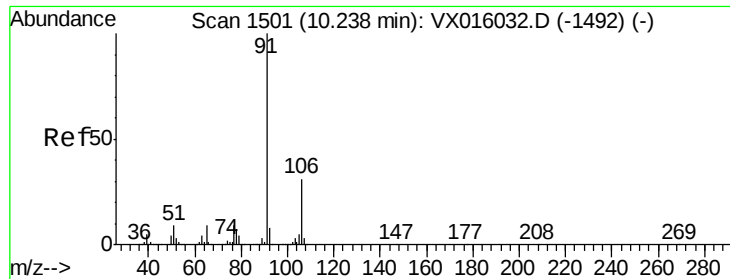
100000

50000

0

Time--> 10.10 10.20 10.30





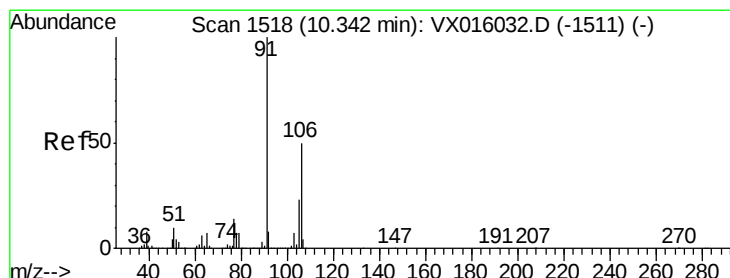
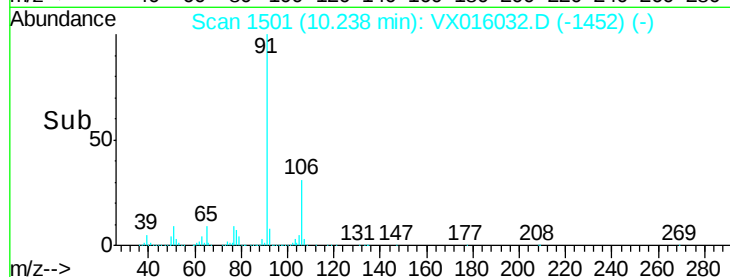
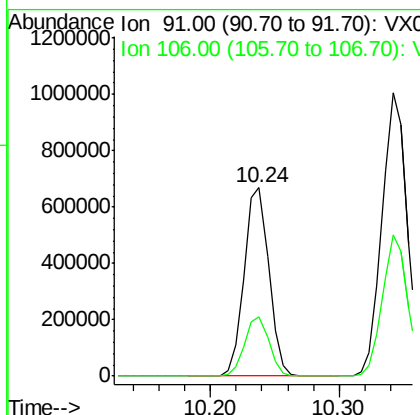
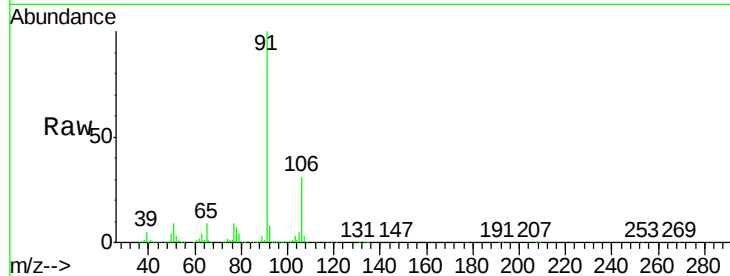
#67
Ethyl Benzene
Concen: 49.877 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 879425
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

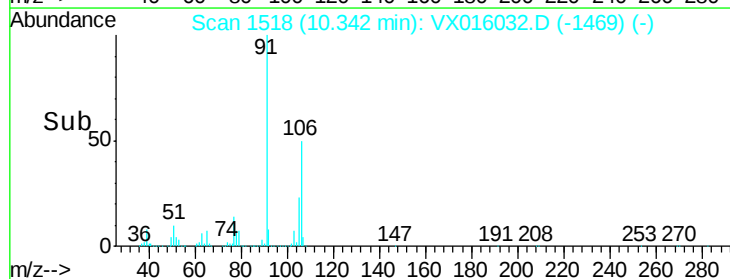
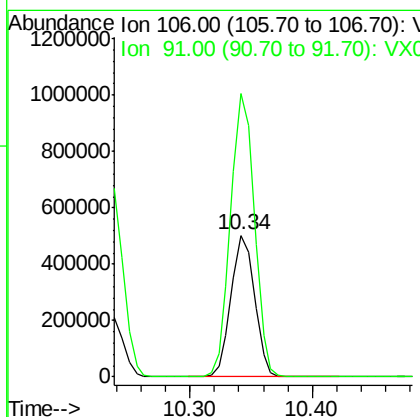
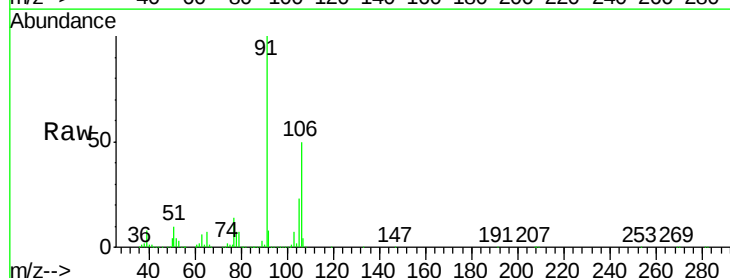
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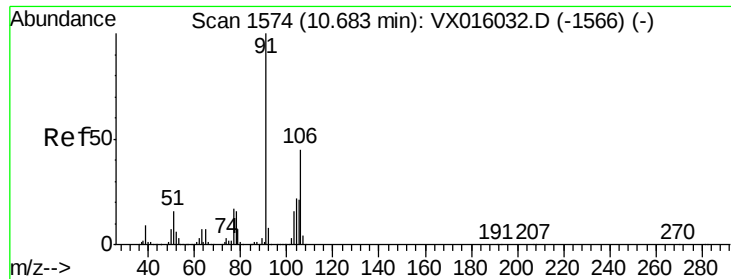
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#68
m/p-Xylenes
Concen: 102.168 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion: 106 Resp: 669043
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5





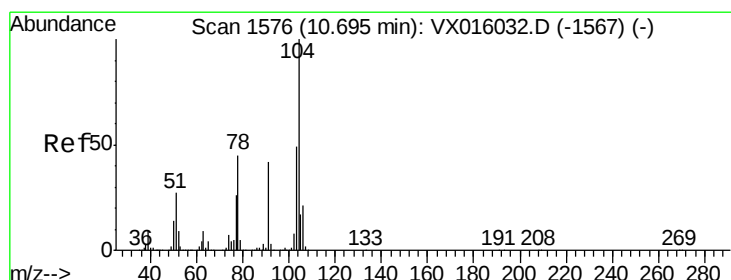
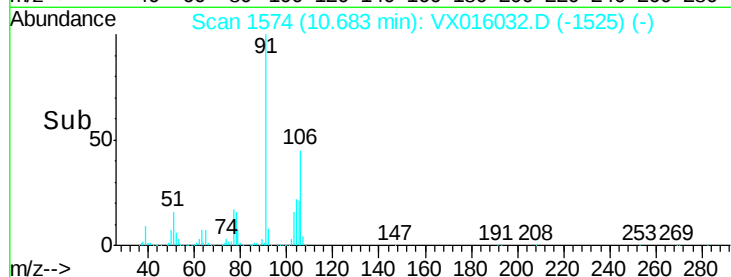
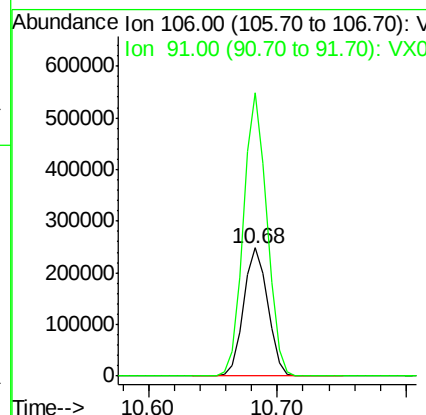
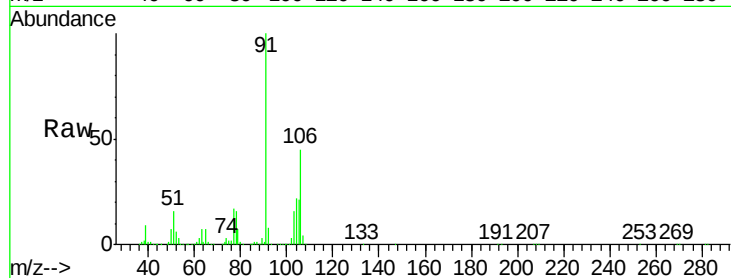
#69
o-Xylene
Concen: 51.126 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	215.1	107.5	322.6	

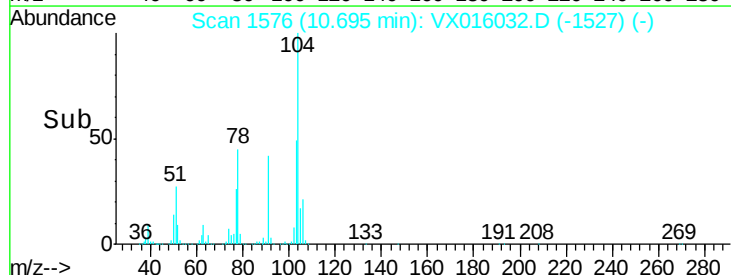
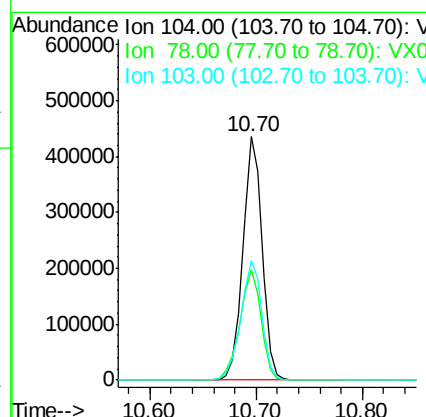
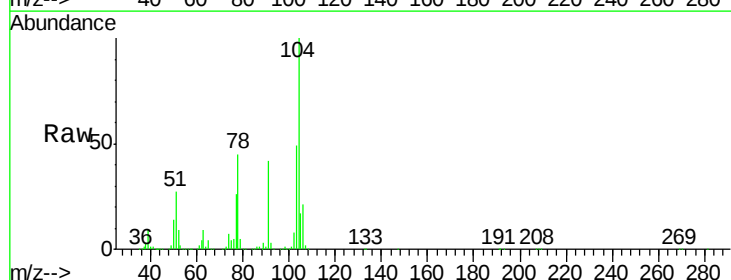
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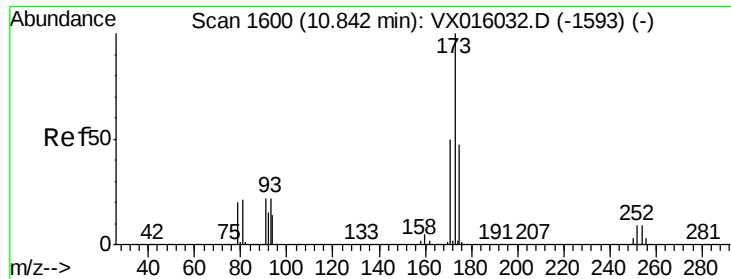
MMDadoda
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#70
Styrene
Concen: 52.884 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	50.2	40.2	60.2	
103	53.8	43.0	64.6	





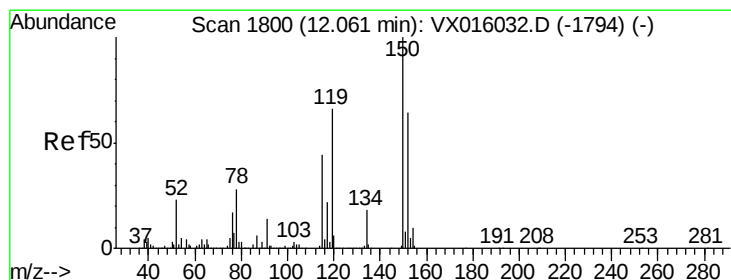
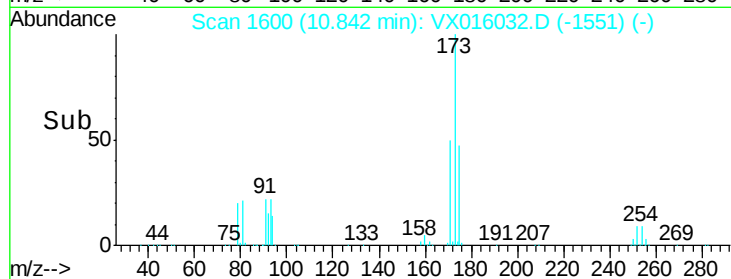
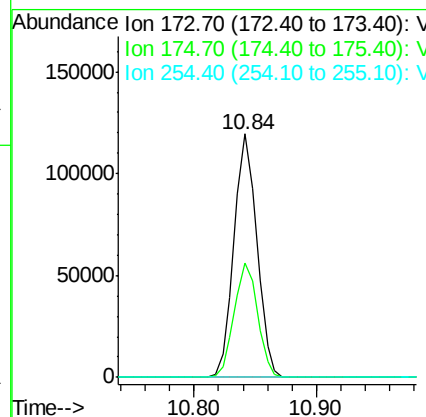
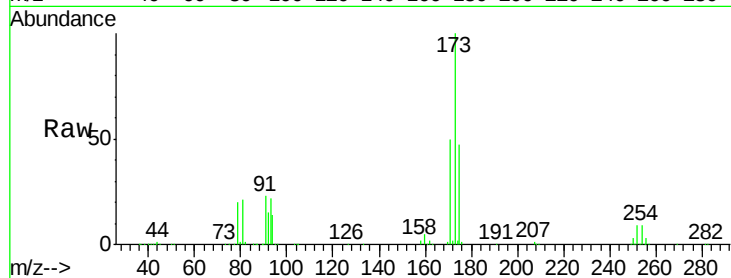
#71
Bromoform
Concen: 55.025 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.0	72.0
254	0.1	0.1	0.1

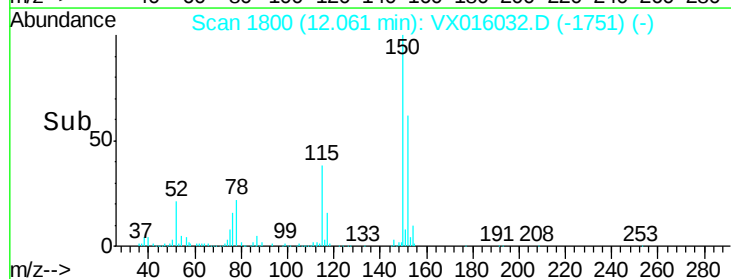
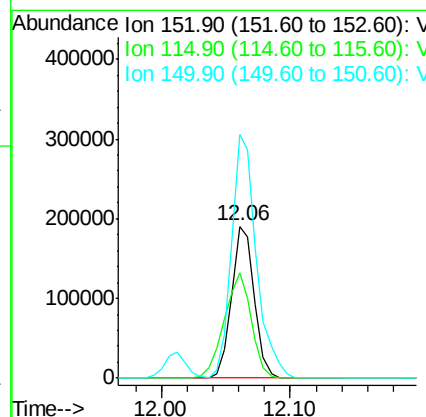
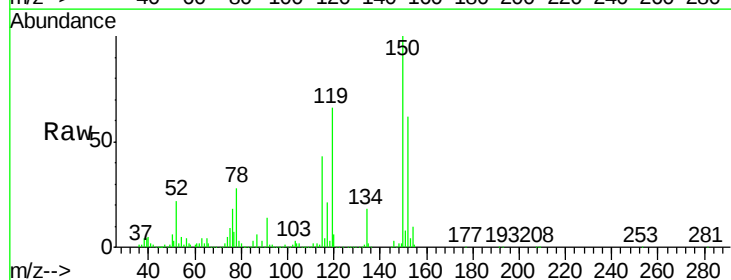
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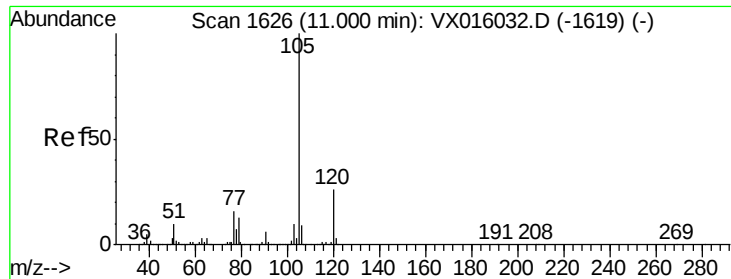
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.7	41.3	124.1
150	176.1	0.0	352.2





#73

Isopropylbenzene

Concen: 49.185 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 860468

Ion Ratio Lower Upper

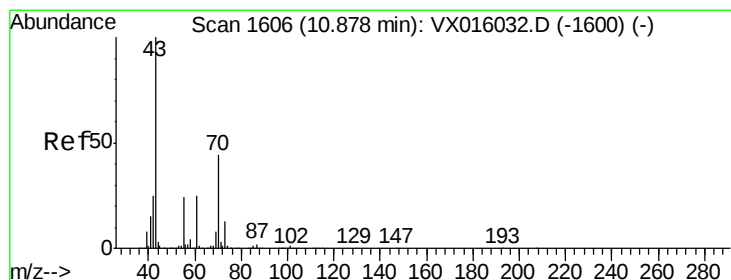
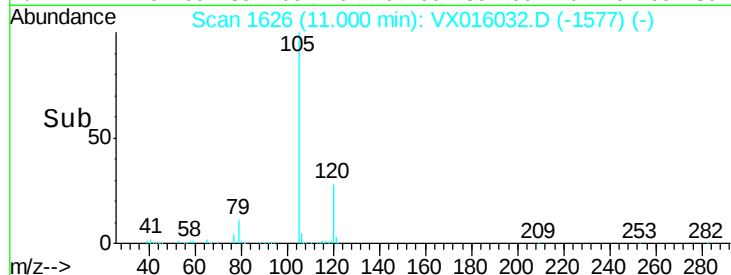
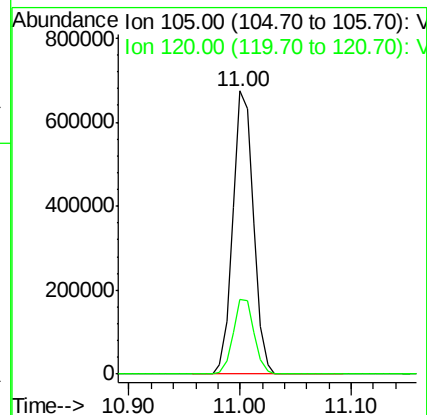
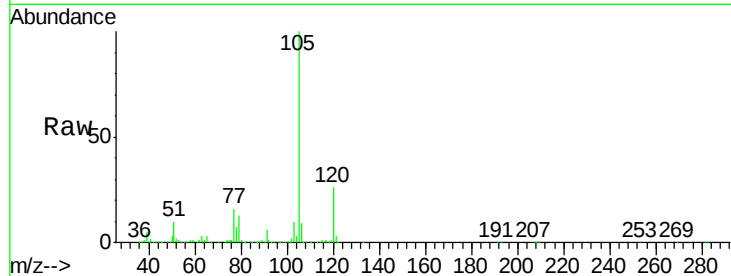
105 100

120 26.8 13.4 40.2

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#74

N-ethyl acetate

Concen: 50.294 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion: 43 Resp: 402416

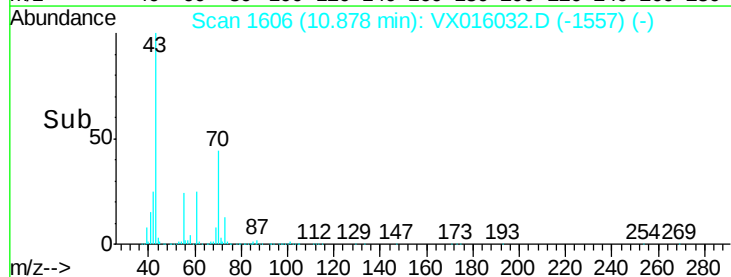
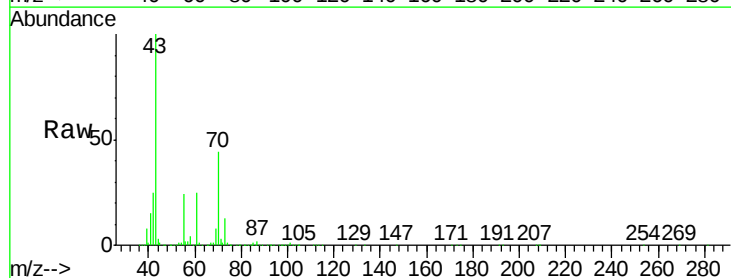
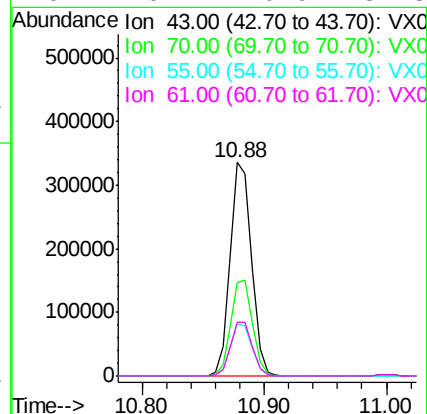
Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 24.6 19.7 29.5

61 26.1 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 65.404 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

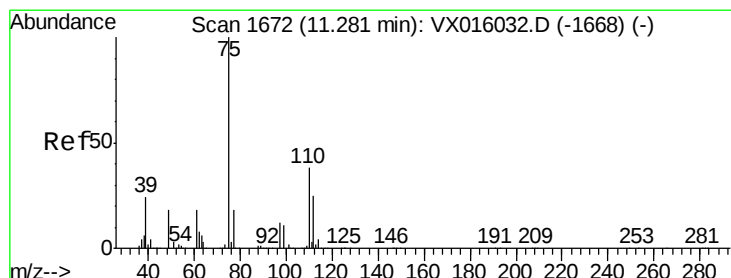
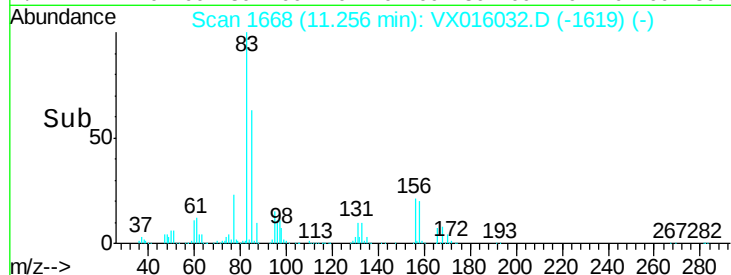
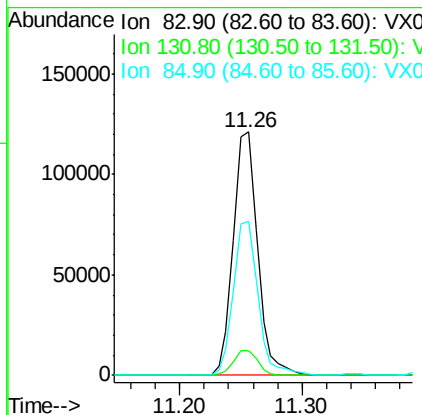
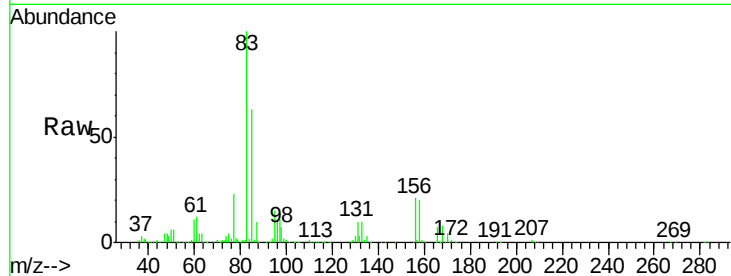
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	167010
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 39.043 ug/l m

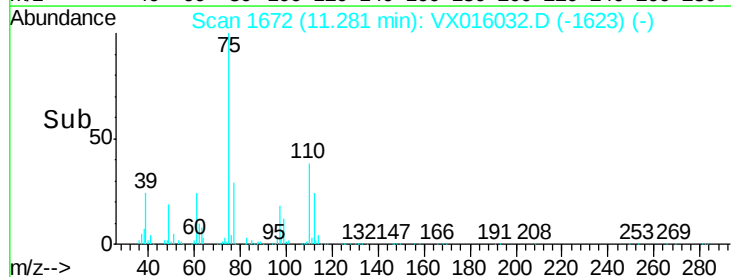
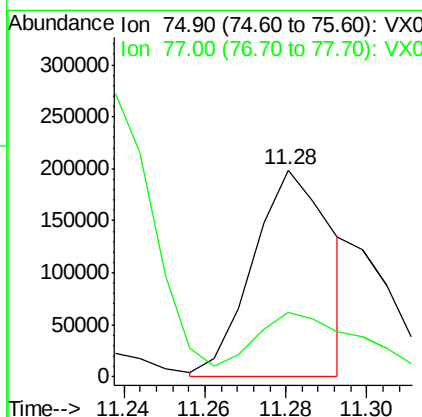
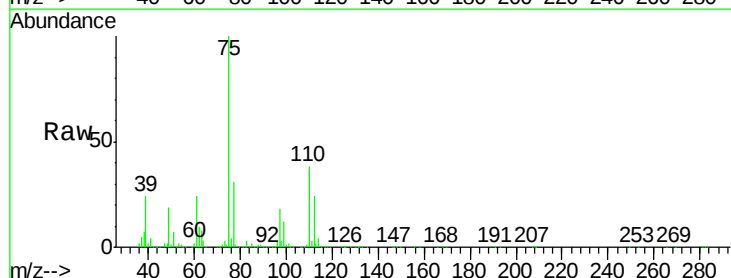
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion:	75	Resp:	268659
Ion Ratio	Lower	Upper	
75	100		
77	42.4	21.2	63.6





#77

Bromobenzene

Concen: 47.479 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

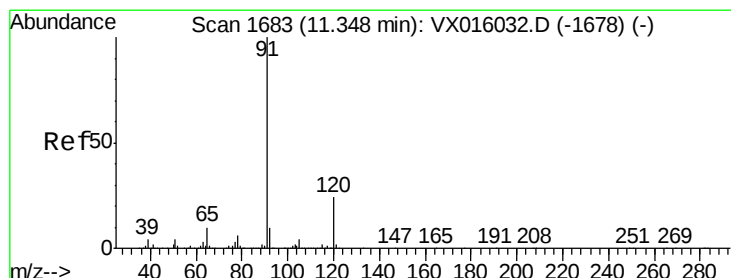
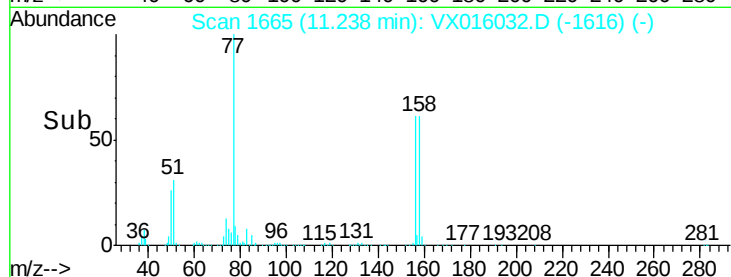
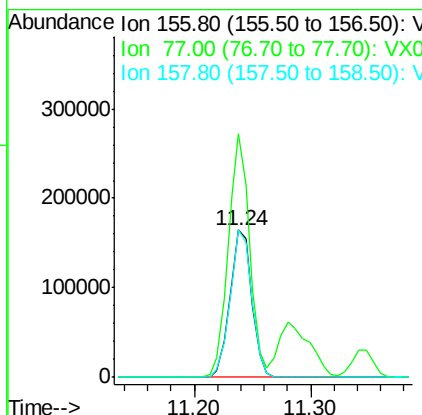
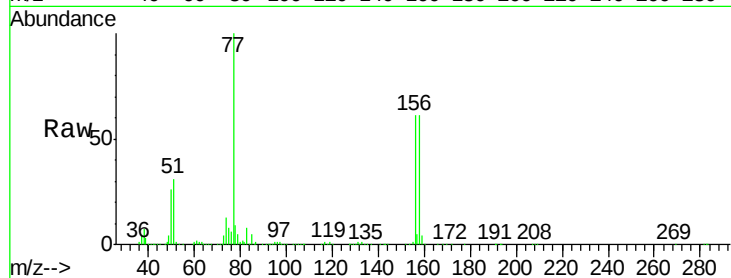
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	214650
Ion Ratio	Lower	Upper	
156	100		
77	160.2	80.1	240.3
158	98.8	49.4	148.2

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#78

n-propylbenzene

Concen: 48.578 ug/l

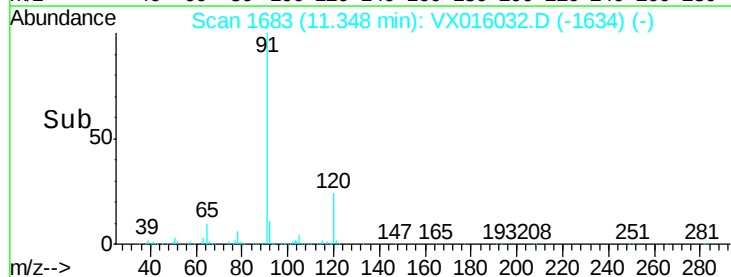
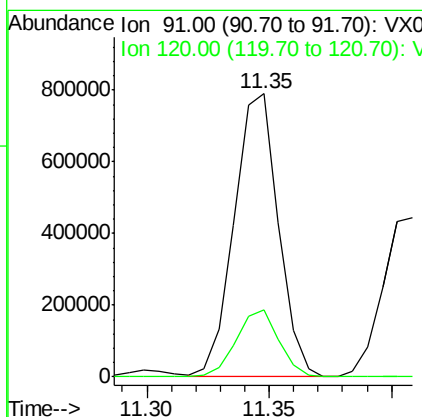
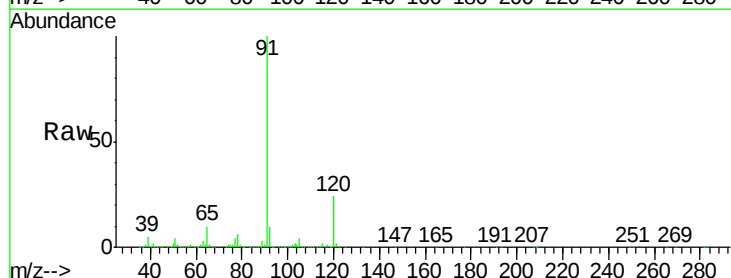
RT: 11.35 min Scan# 1683

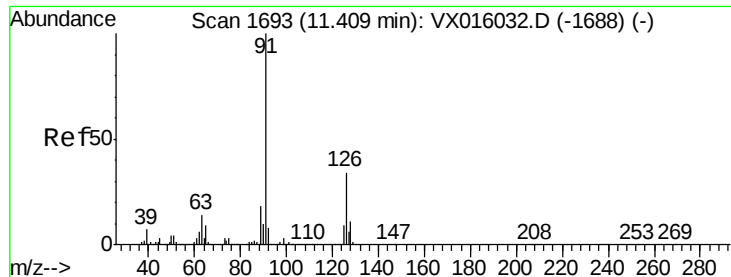
Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion:	91	Resp:	985975
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 47.925 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 575325

Ion Ratio Lower Upper

91 100

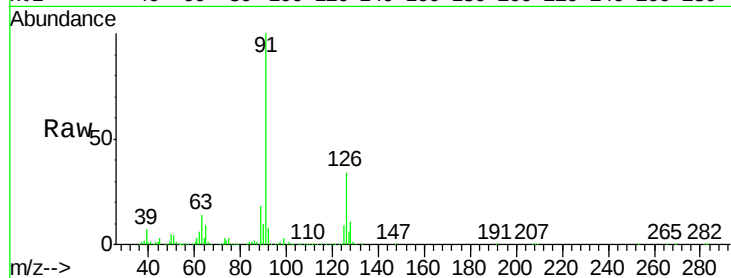
126 33.7 16.9 50.6

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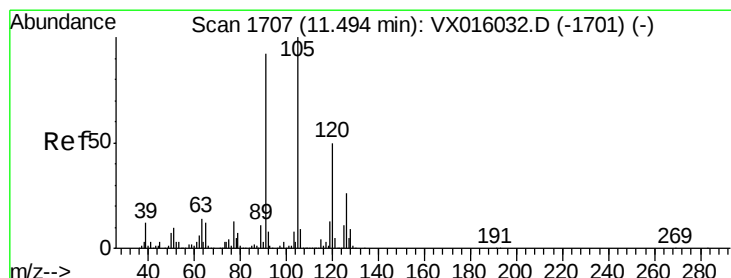
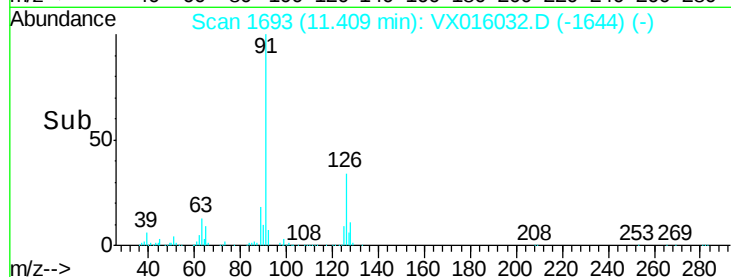
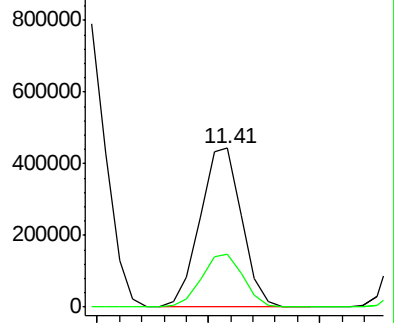
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.623 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016032.D

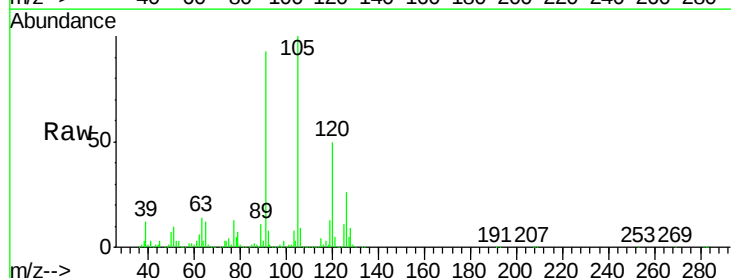
Acq: 04 May 2020 12:47

Tgt Ion: 105 Resp: 722860

Ion Ratio Lower Upper

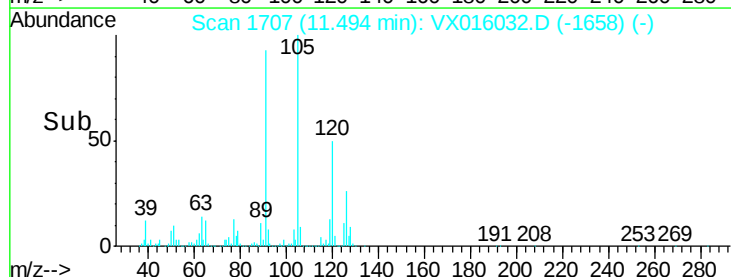
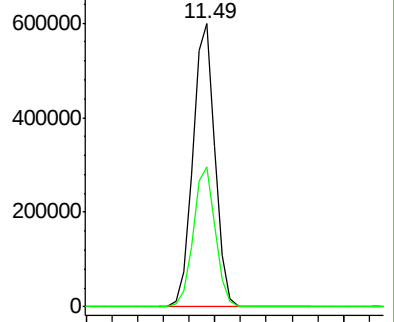
105 100

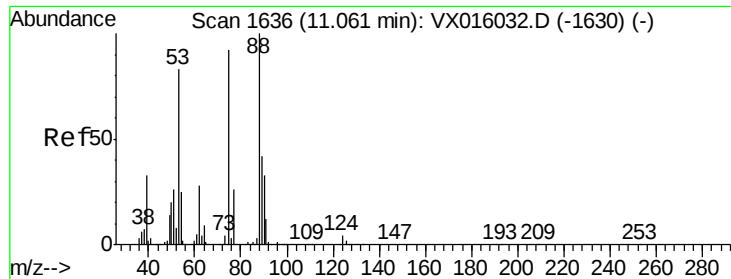
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





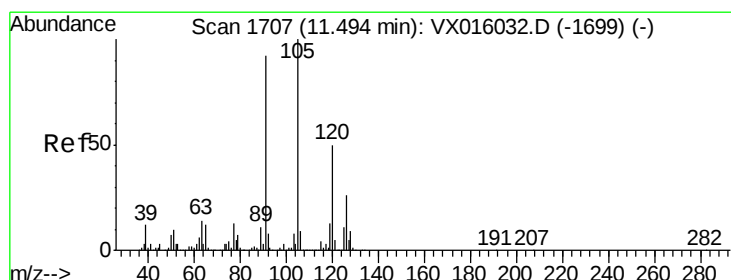
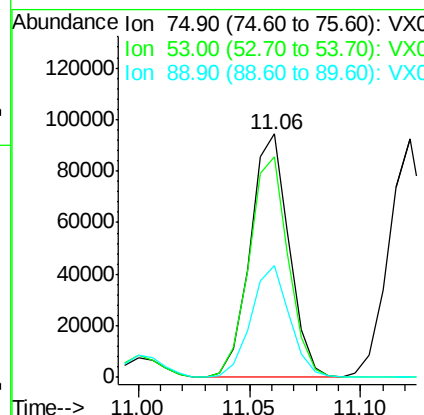
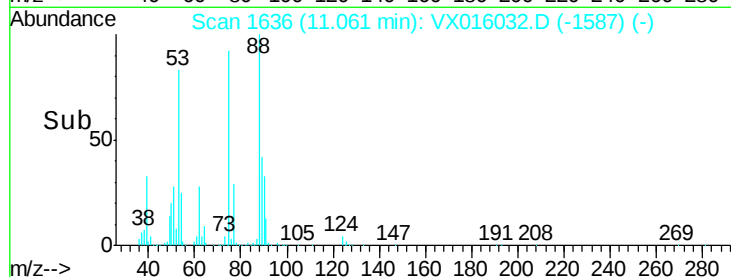
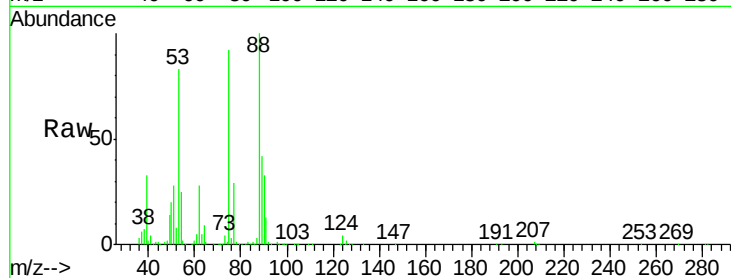
#81
trans-1,4-Dichloro-2-butene
Concen: 51.981 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.4	73.1	109.7
89	45.9	36.7	55.1

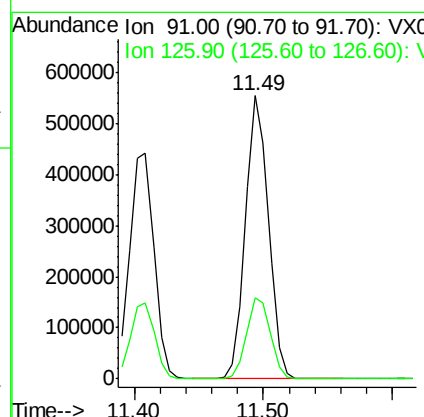
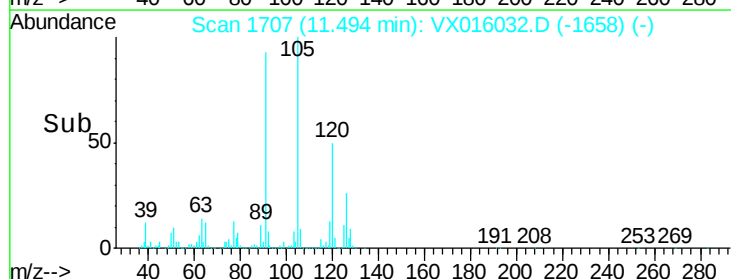
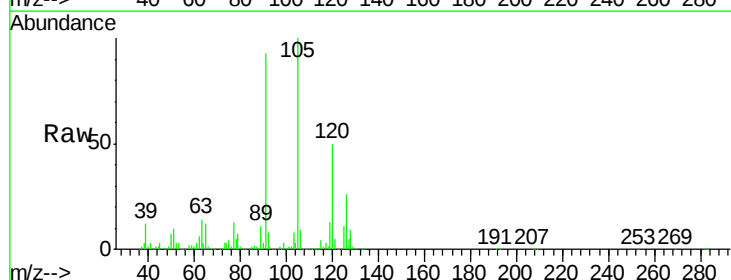
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#82
4-Chlorotoluene
Concen: 48.526 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.8	44.3





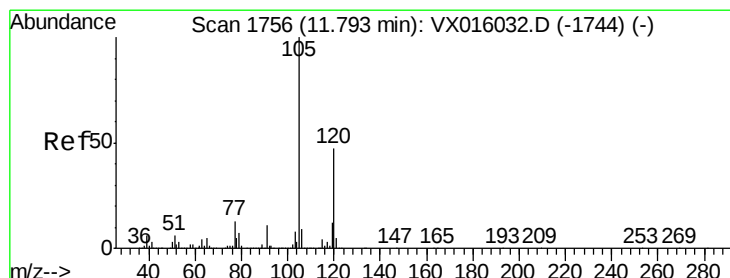
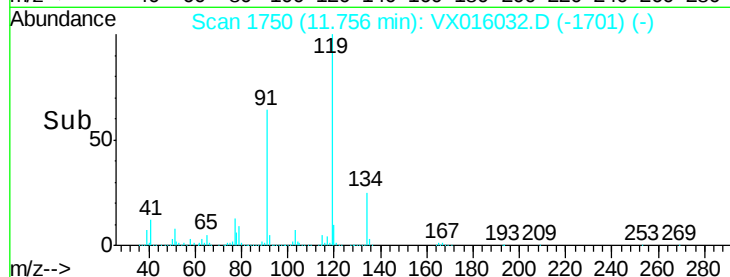
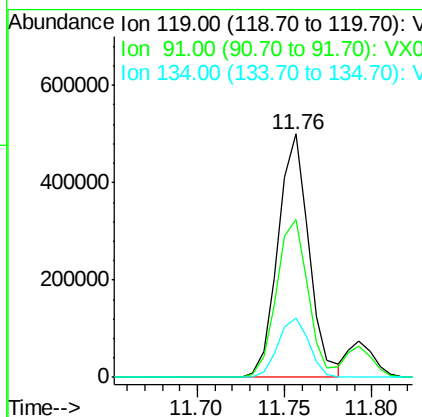
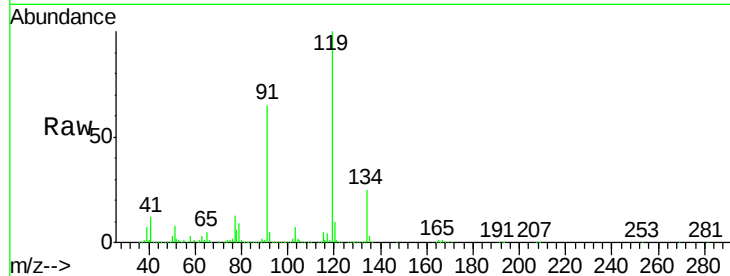
#83
tert-Butylbenzene
Concen: 49.126 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.8	98.4
134	24.7	12.4	37.0

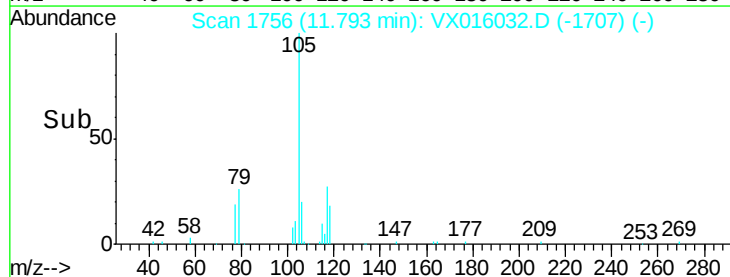
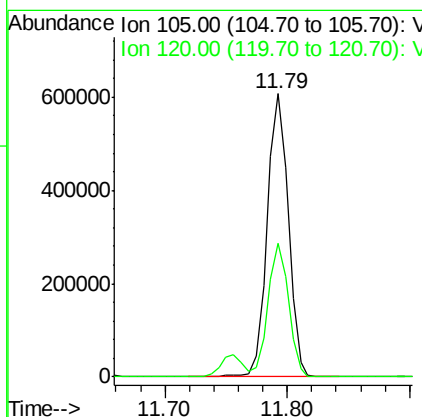
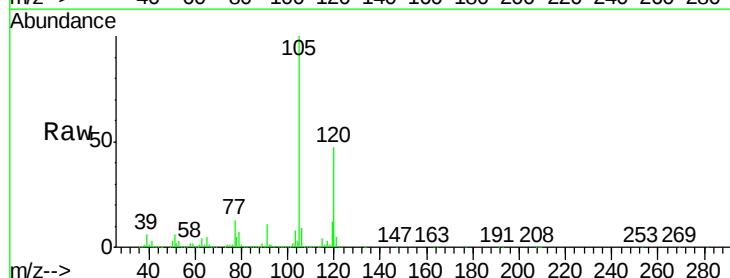
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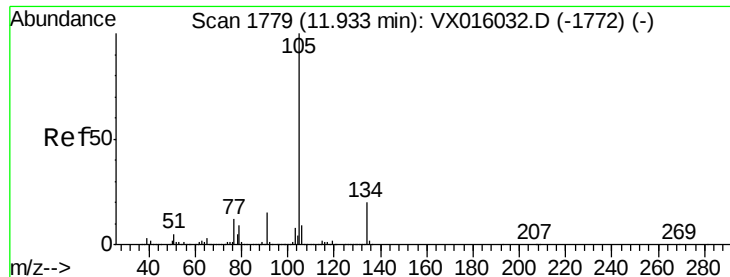
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#84
1,2,4-Trimethylbenzene
Concen: 49.404 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0





#85

sec-Butylbenzene

Concen: 49.231 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 837752

Ion Ratio Lower Upper

105 100

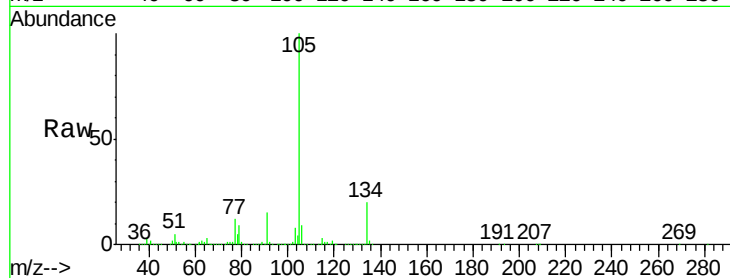
134 20.2 10.1 30.3

Manual Integrations

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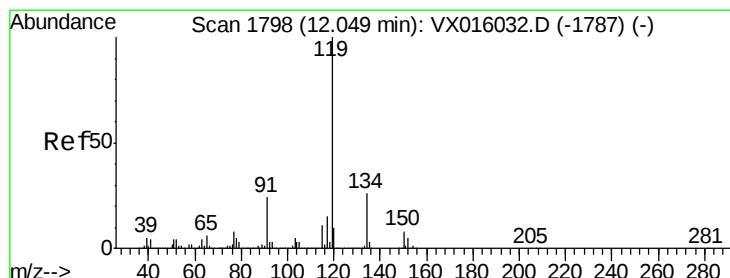
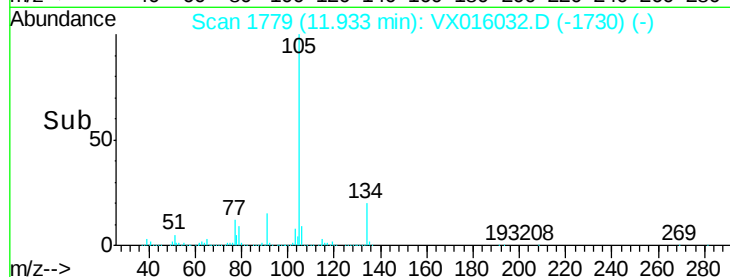
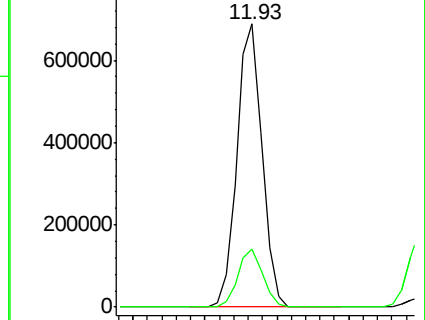
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.742 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

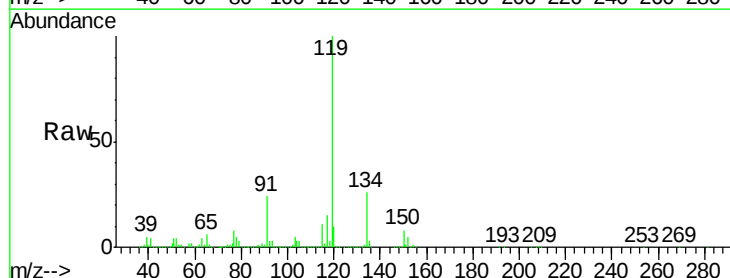
Tgt Ion:119 Resp: 782966

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

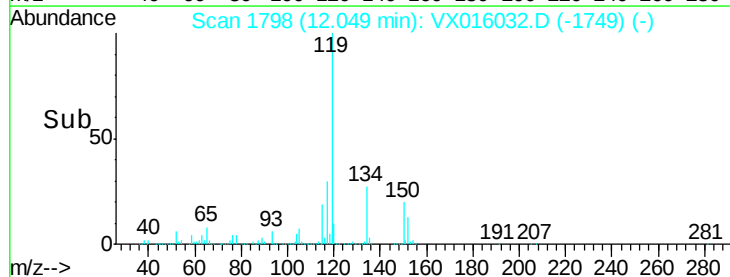
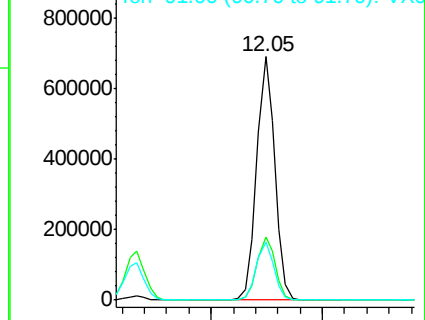
91 23.6 11.8 35.4

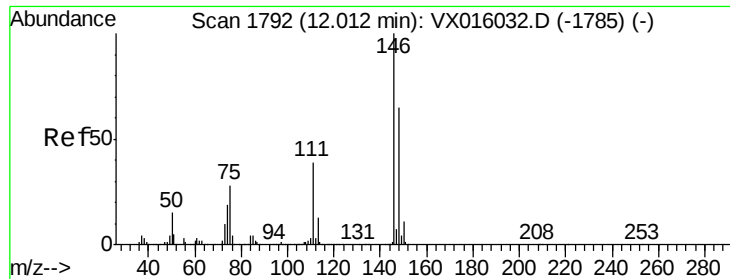


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





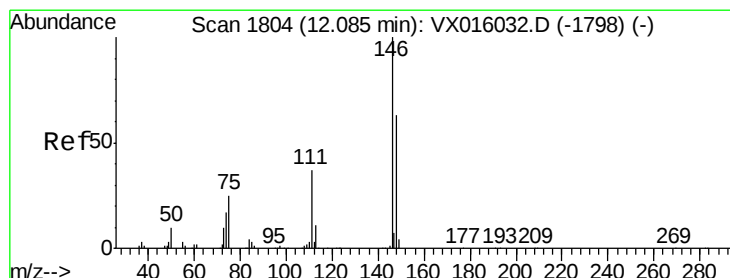
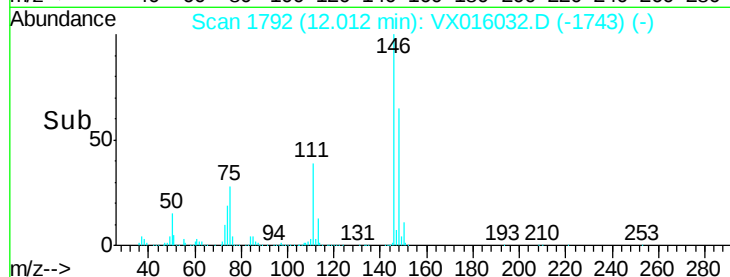
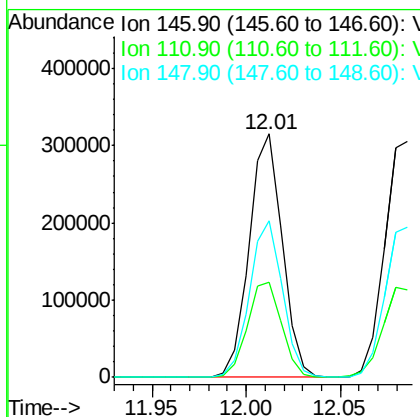
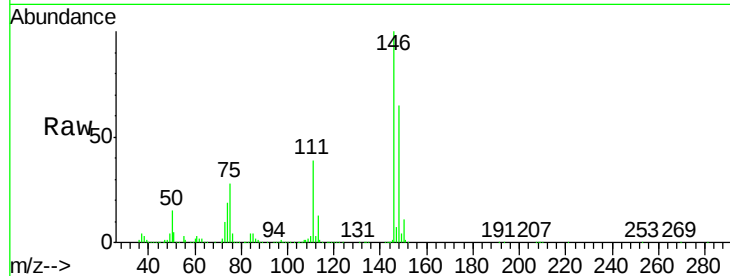
#87
 1,3-Dichlorobenzene
 Concen: 47.158 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	64.2	32.1	96.3

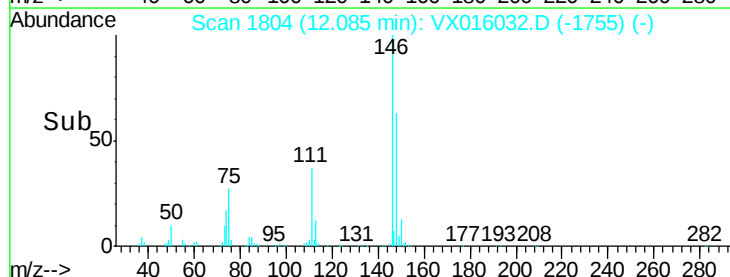
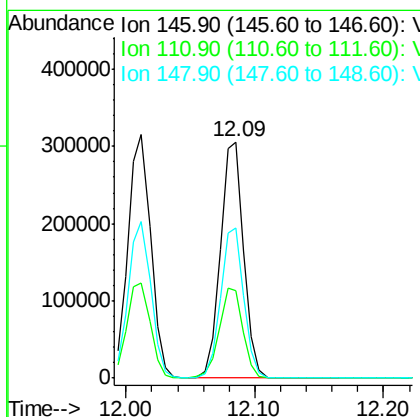
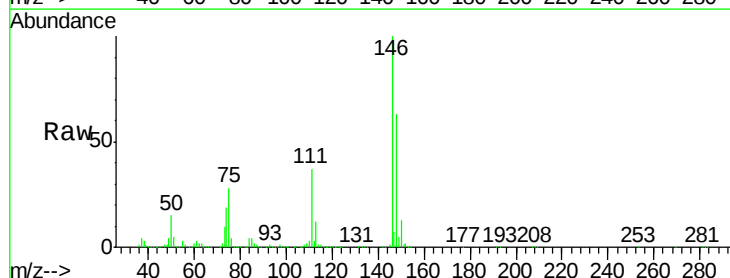
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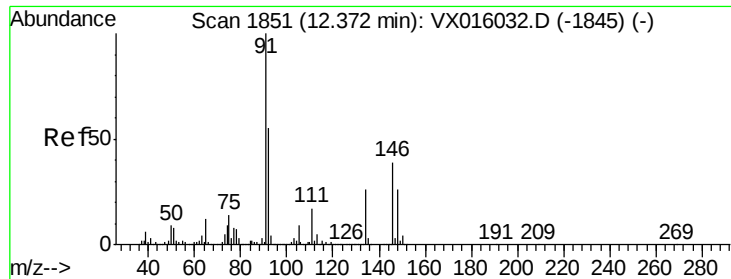
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#88
 1,4-Dichlorobenzene
 Concen: 47.742 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.5	31.8	95.3





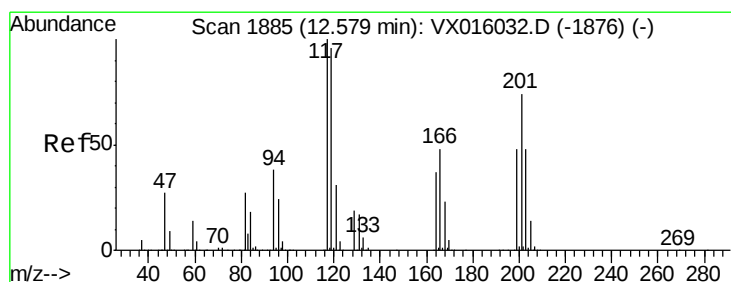
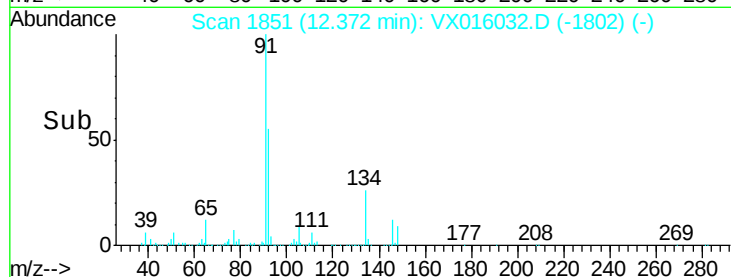
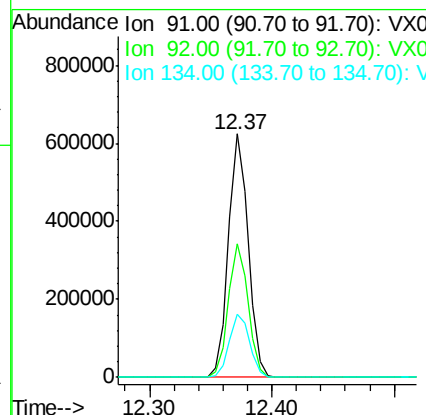
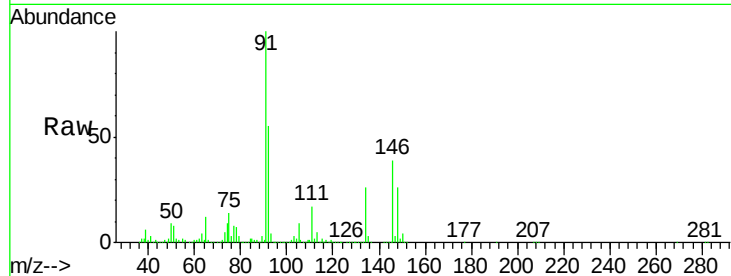
#89
n-Butylbenzene
Concen: 48.688 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	26.7	13.4	40.1

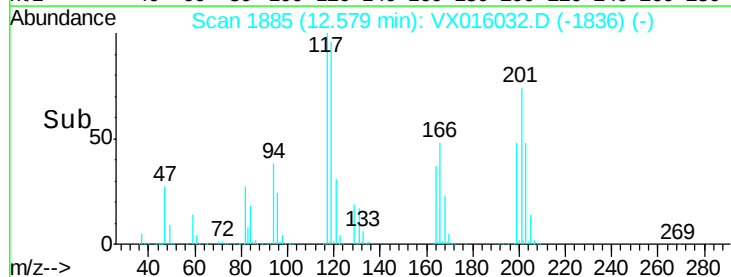
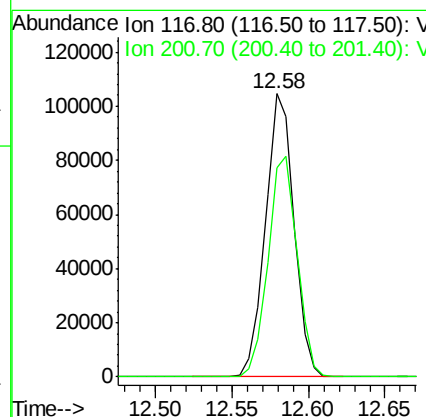
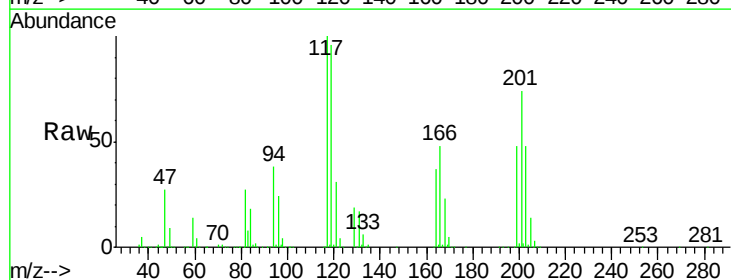
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#90
Hexachloroethane
Concen: 52.276 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.8	119.3





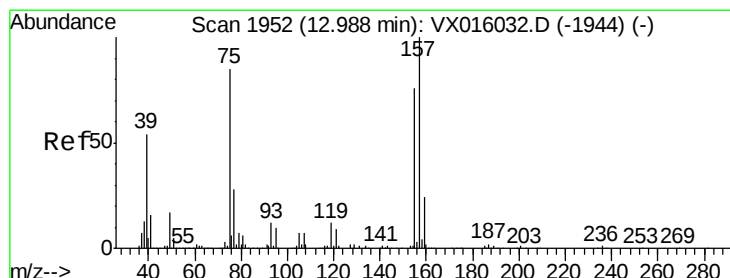
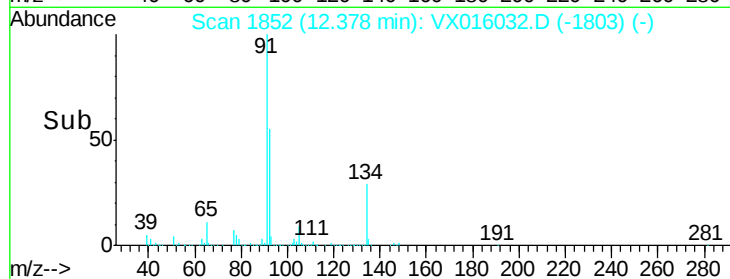
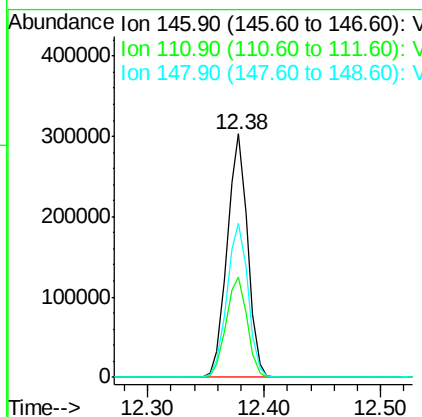
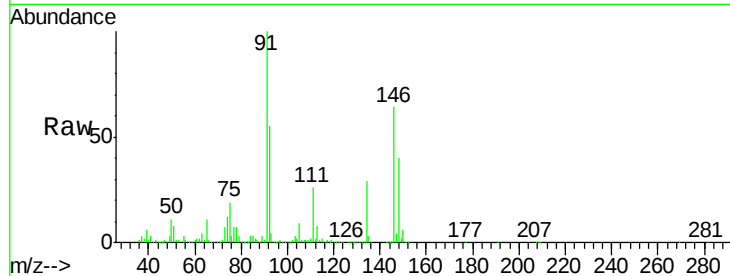
#91
 1,2-Dichlorobenzene
 Concen: 47.348 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	369040		
111	42.1	21.1	63.1	
148	64.7	32.4	97.0	

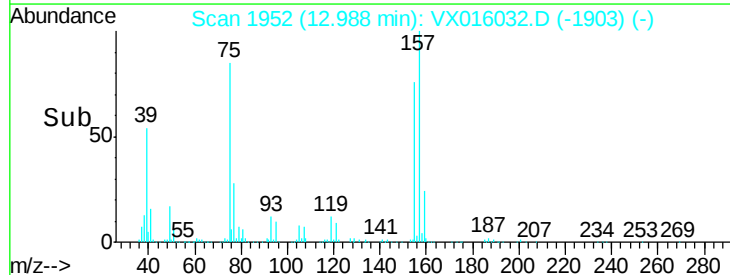
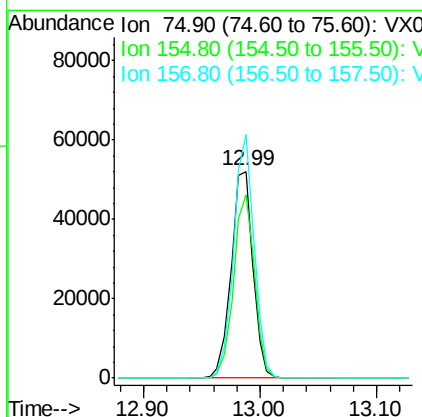
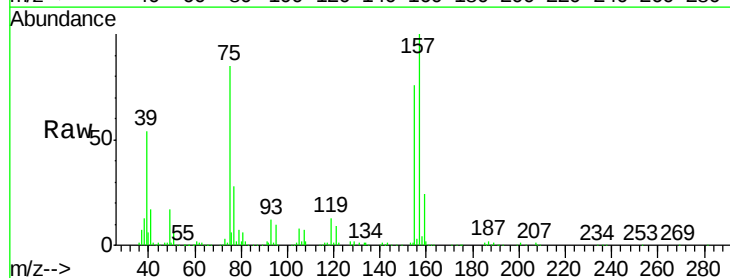
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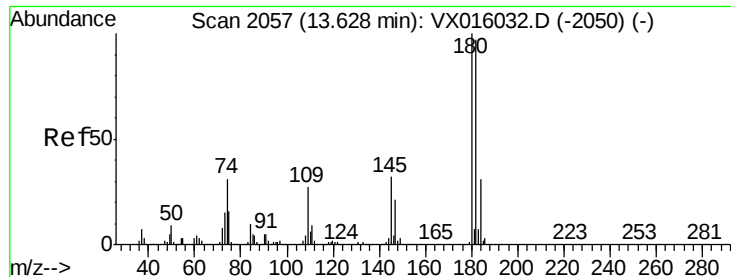
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.654 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68478		
155	85.0	42.5	127.5	
157	110.5	55.3	165.8	





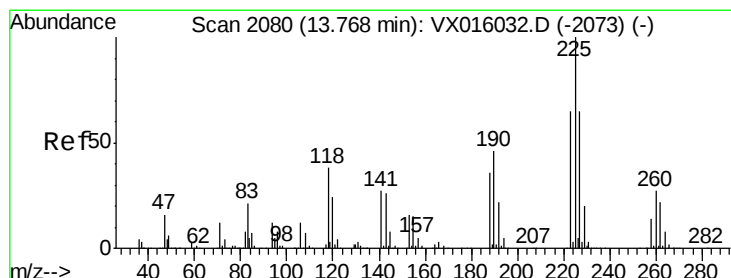
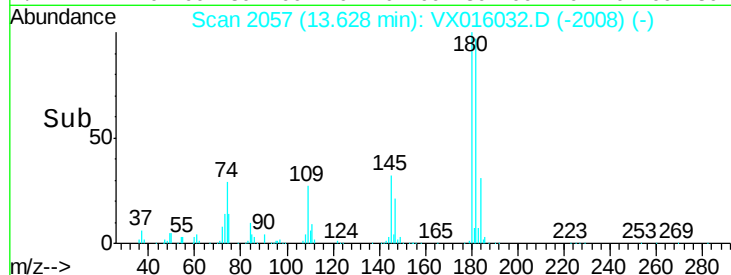
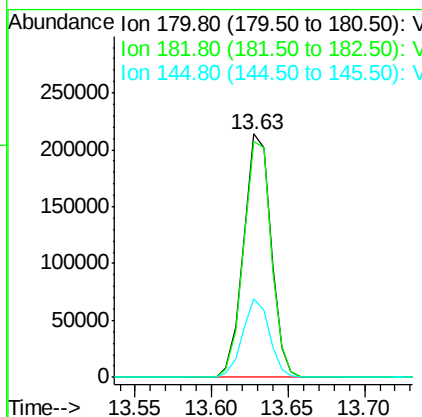
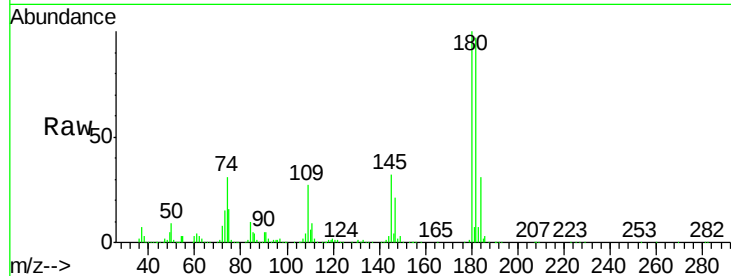
#93
 1,2,4-Trichlorobenzene
 Concen: 46.325 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	266264		
182	97.4	48.7	146.1	
145	31.4	15.7	47.1	

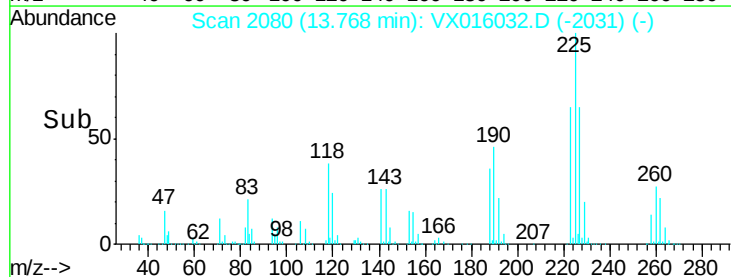
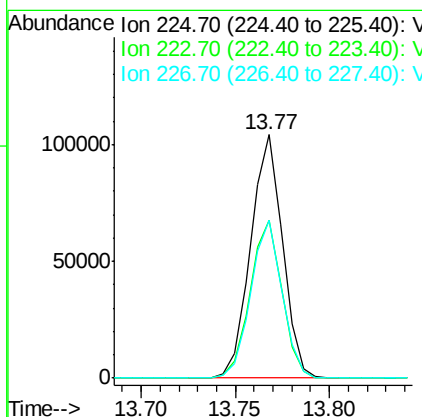
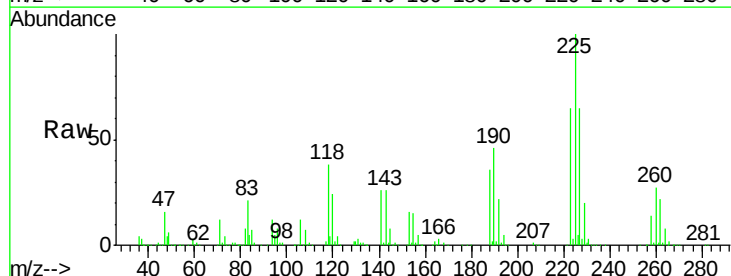
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#94
 Hexachlorobutadiene
 Concen: 45.223 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122087		
223	64.6	32.3	96.9	
227	63.6	31.8	95.4	





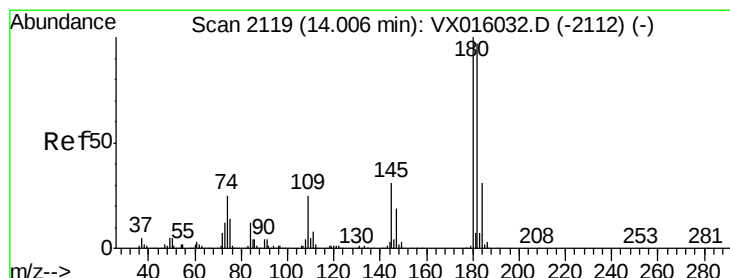
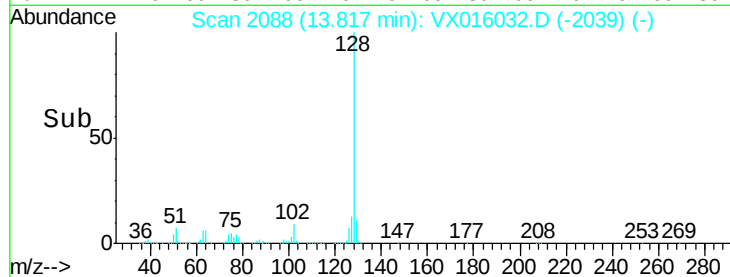
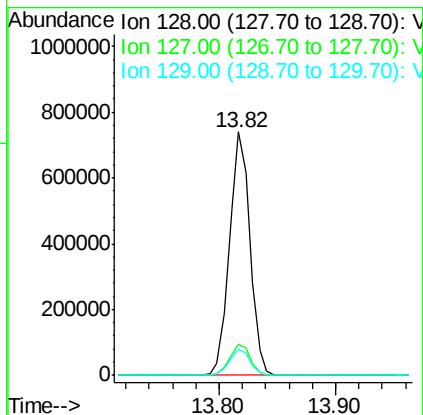
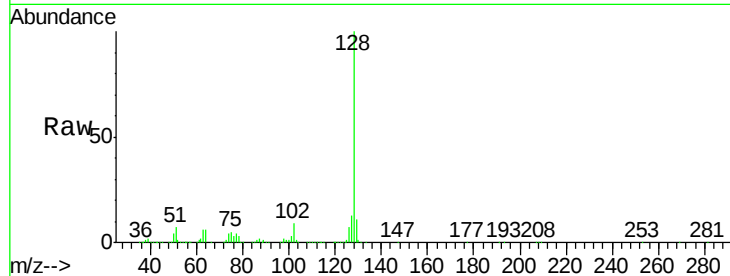
#95
Naphthalene
Concen: 48.806 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	903171		
127	12.8		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.738 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268476		
182	96.7		48.4	145.0
145	32.7		16.4	49.1

