

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016030.D
 Acq On : 04 May 2020 12:02
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:18 AM

Quant Time: May 04 13:33:08 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	5.63	168	326209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	518516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	470034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	23063	4.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.28%	
35) Dibromofluoromethane	5.47	113	17352	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
50) Toluene-d8	8.70	98	65070	4.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.52%	
62) 4-Bromofluorobenzene	11.12	95	23444	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	17756	5.166	ug/l 98
3) Chloromethane	1.32	50	21169	5.149	ug/l 100
4) Vinyl Chloride	1.39	62	22321	5.155	ug/l 97
5) Bromomethane	1.62	94	11959	4.554	ug/l 100
6) Chloroethane	1.70	64	14517	5.349	ug/l 96
7) Trichlorofluoromethane	1.91	101	30508	5.388	ug/l 98
8) Diethyl Ether	2.17	74	12385	5.166	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	17305	5.311	ug/l 98
10) Methyl Iodide	2.49	142	21009	5.045	ug/l 99
11) Tert butyl alcohol	3.02	59	28543	26.856	ug/l 98
12) 1,1-Dichloroethene	2.36	96	17718	5.190	ug/l 93
13) Acrolein	2.27	56	18122	27.818	ug/l 97
14) Allyl chloride	2.70	41	32724	5.248	ug/l 99
15) Acrylonitrile	3.12	53	58121	25.897	ug/l 99
16) Acetone	2.42	43	49782	25.872	ug/l 100
17) Carbon Disulfide	2.55	76	58408	4.786	ug/l 97
18) Methyl Acetate	2.75	43	24950	5.263	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	62644	5.381	ug/l 97
20) Methylene Chloride	2.84	84	20811	5.123	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	19629	5.116	ug/l 95
22) Diisopropyl ether	3.82	45	61719	5.243	ug/l 96
23) Vinyl Acetate	3.78	43	269566	26.455	ug/l 99
24) 1,1-Dichloroethane	3.67	63	34644	5.277	ug/l 100
25) 2-Butanone	4.64	43	80284	26.409	ug/l 98
26) 2,2-Dichloropropane	4.55	77	32155	5.293	ug/l 97
27) cis-1,2-Dichloroethene	4.57	96	21422	5.187	ug/l 98
28) Bromochloromethane	4.98	49	16139	5.426	ug/l 99
29) Tetrahydrofuran	5.09	42	52228	25.799	ug/l 98
30) Chloroform	5.18	83	34829	5.324	ug/l 99
31) Cyclohexane	5.54	56	32132	5.246	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	31272	5.265	ug/l 99
36) 1,1-Dichloropropene	5.77	75	26455	5.111	ug/l 97
37) Ethyl Acetate	4.80	43	31071	5.272	ug/l 98
38) Carbon Tetrachloride	5.75	117	27477	5.283	ug/l 95

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Manual Integrations
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 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)
39) Methylcyclohexane	7.44	83	32238	5.223	ug/l	98
40) Benzene	6.12	78	79130	5.224	ug/l	98
41) Methacrylonitrile	5.01	41	16575	5.207	ug/l	98
42) 1,2-Dichloroethane	6.17	62	28583	5.224	ug/l	100
43) Isopropyl Acetate	6.41	43	48956	5.220	ug/l	99
44) Trichloroethene	7.19	130	29984	5.353	ug/l	100
45) 1,2-Dichloropropane	7.49	63	20149	5.297	ug/l	99
46) Dibromomethane	7.64	93	13263	5.128	ug/l	99
47) Bromodichloromethane	7.88	83	27219	5.241	ug/l	100
48) Methyl methacrylate	7.74	41	22324	5.059	ug/l	98
49) 1,4-Dioxane	7.71	88	10966	102.737	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	148387	25.987	ug/l	99
52) Toluene	8.77	92	48054	5.149	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	31775	5.114	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	34079	5.220	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	19124	5.244	ug/l	97
56) Ethyl methacrylate	9.16	69	29562	5.124	ug/l	99
57) 1,3-Dichloropropane	9.35	76	33474	5.208	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	78704	25.041	ug/l	99
59) 2-Hexanone	9.48	43	116018	25.927	ug/l	99
60) Dibromochloromethane	9.57	129	20394	5.190	ug/l	99
61) 1,2-Dibromoethane	9.65	107	20701	5.249	ug/l	99
64) Tetrachloroethene	9.32	164	31450	5.269	ug/l	97
65) Chlorobenzene	10.12	112	52029	5.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	19031	5.248	ug/l	98
67) Ethyl Benzene	10.24	91	92488	5.217	ug/l	98
68) m/p-Xylenes	10.34	106	67990	10.325	ug/l	98
69) o-Xylene	10.68	106	33287	5.282	ug/l	98
70) Styrene	10.70	104	53849	5.133	ug/l	99
71) Bromoform	10.84	173	14412	5.108	ug/l #	97
73) Isopropylbenzene	11.00	105	90050	5.323	ug/l	98
74) N-amyl acetate	10.88	43	40242	5.201	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	11772	4.768	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	28056m	4.216	ug/l	
77) Bromobenzene	11.24	156	22353	5.113	ug/l	98
78) n-propylbenzene	11.34	91	102485	5.222	ug/l	99
79) 2-Chlorotoluene	11.40	91	61627	5.309	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	72842	5.171	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	11154	5.239	ug/l	94
82) 4-Chlorotoluene	11.49	91	71188	5.224	ug/l	99
83) tert-Butylbenzene	11.76	119	63618	5.244	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	73896	5.178	ug/l	100
85) sec-Butylbenzene	11.93	105	84957	5.163	ug/l	100
86) p-Isopropyltoluene	12.05	119	78185	5.137	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	41670	5.304	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	40530	5.153	ug/l	92
89) n-Butylbenzene	12.37	91	68073	4.915	ug/l	100
90) Hexachloroethane	12.58	117	13225	5.228	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	39253	5.208	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	6646	4.883	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDICC005

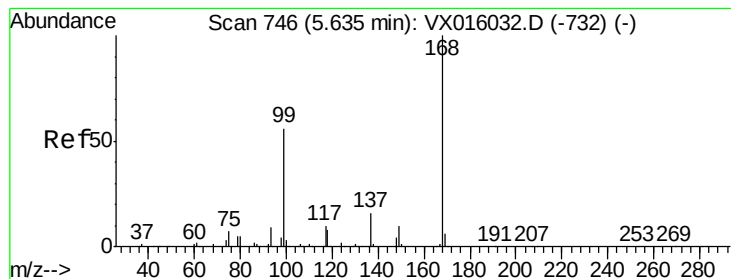
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	27756	4.994	ug/l	97
94) Hexachlorobutadiene	13.77	225	12404	4.752	ug/l	99
95) Naphthalene	13.82	128	89601	5.007	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	27150	4.992	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:168 Resp: 326209

Ion Ratio Lower Upper

168 100

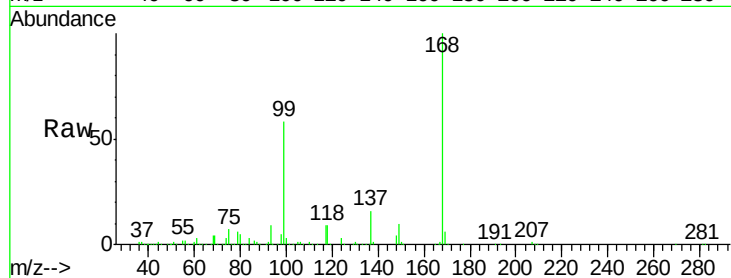
99 57.6 45.0 67.4

Manual Integrations

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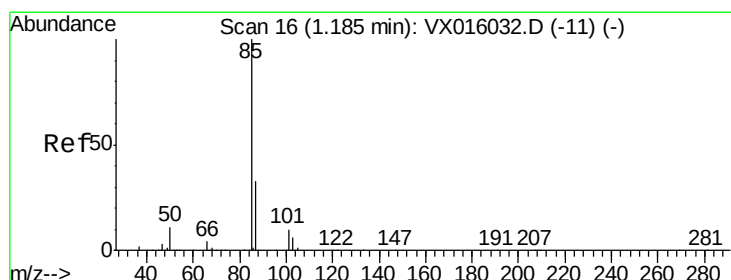
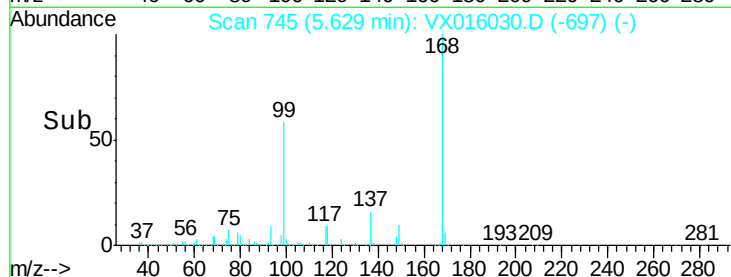
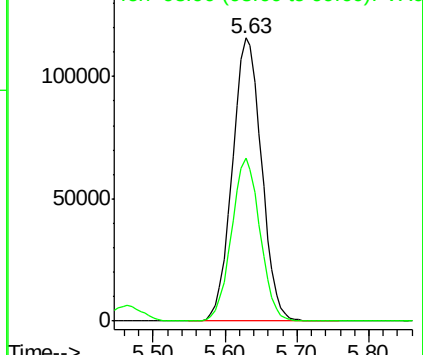
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.166 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016030.D

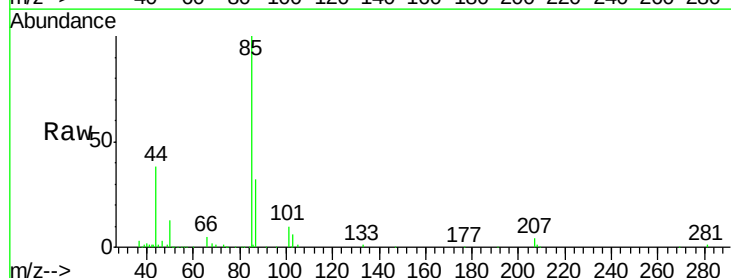
Acq: 04 May 2020 12:02

Tgt Ion: 85 Resp: 17756

Ion Ratio Lower Upper

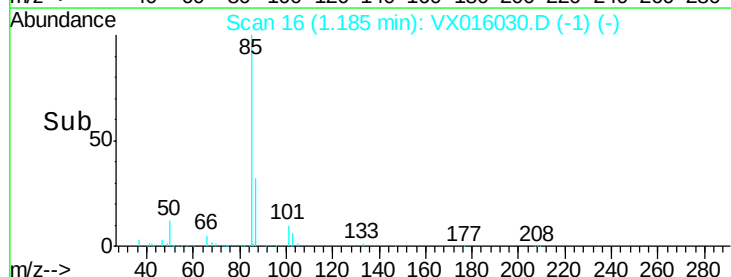
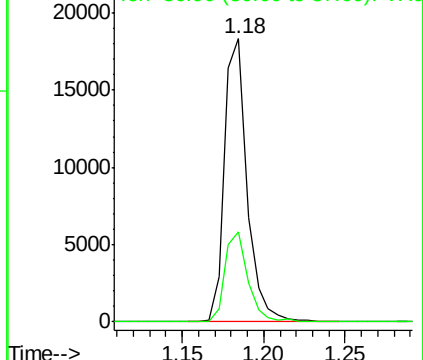
85 100

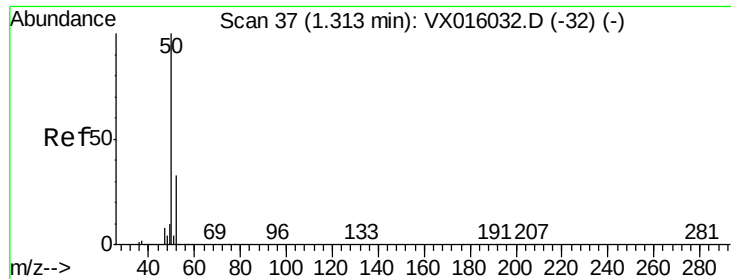
87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.149 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 21169

Ion Ratio Lower Upper

50 100

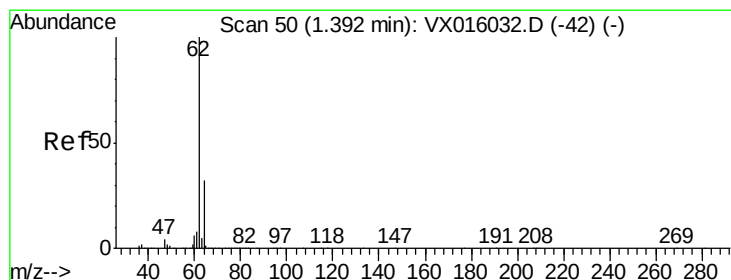
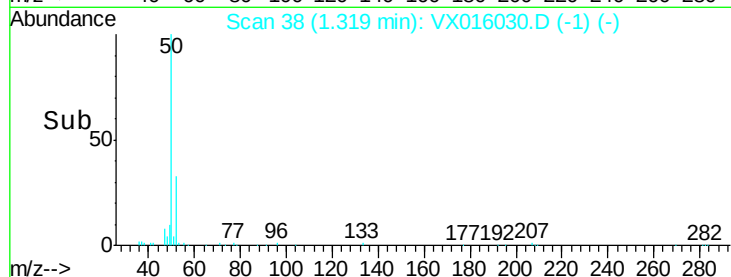
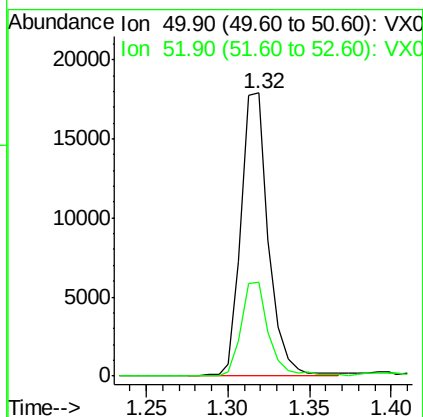
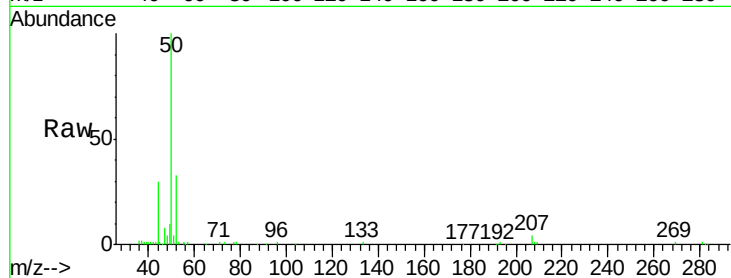
52 32.8 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.155 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016030.D

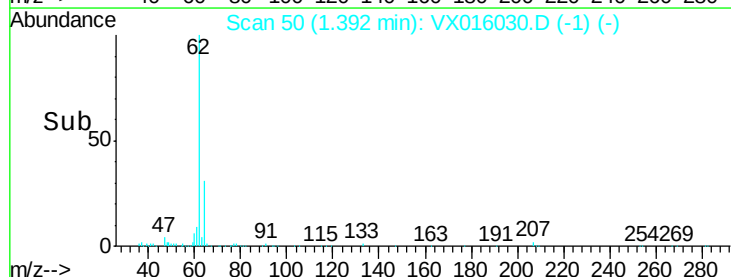
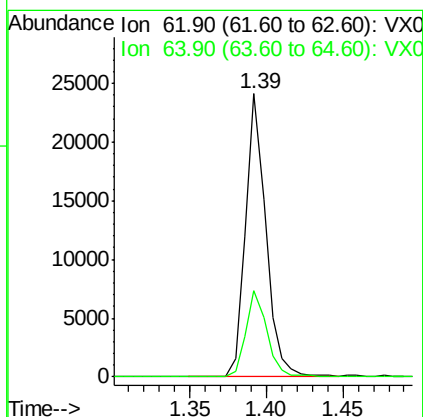
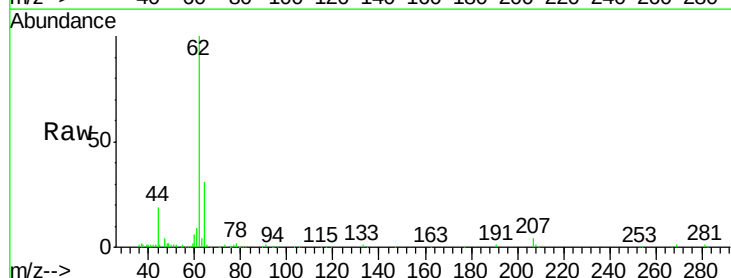
Acq: 04 May 2020 12:02

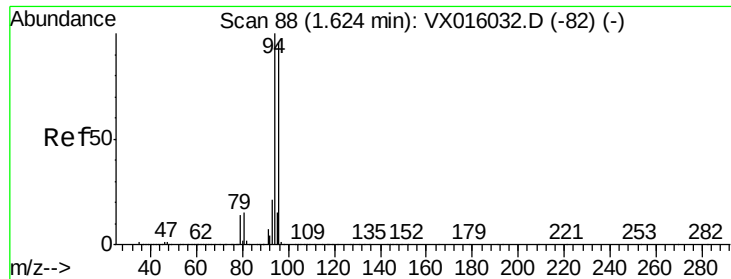
Tgt Ion: 62 Resp: 22321

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 4.554 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 11959

Ion Ratio Lower Upper

94 100

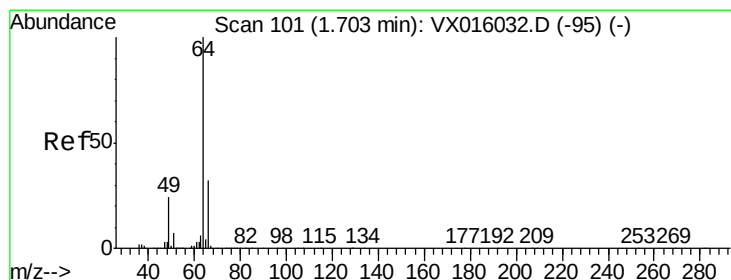
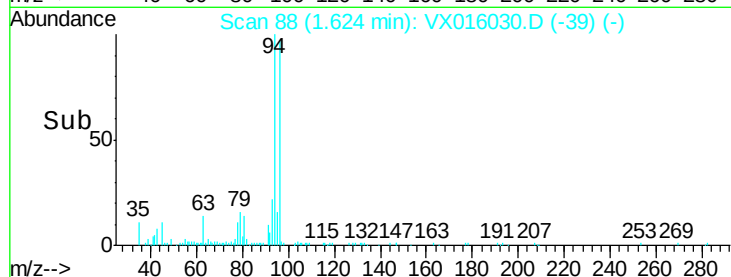
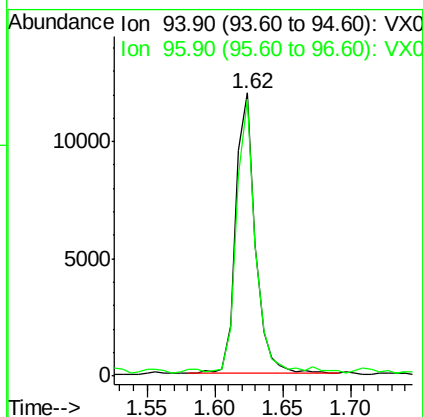
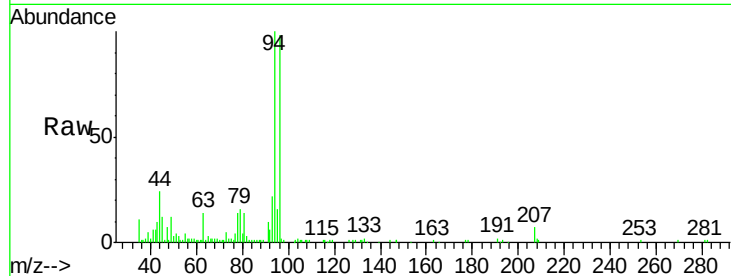
96 96.4 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 5.349 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016030.D

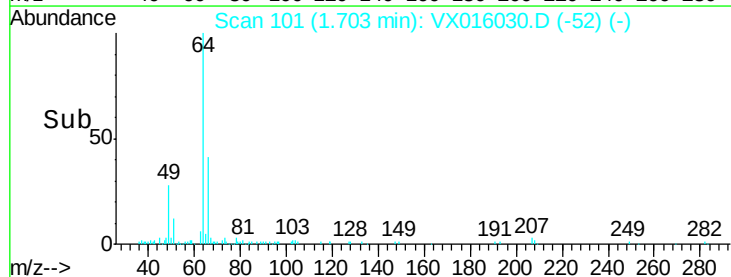
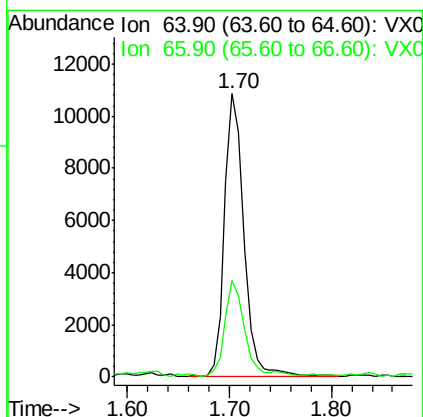
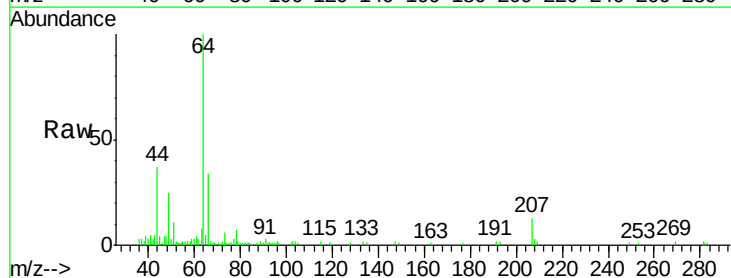
Acq: 04 May 2020 12:02

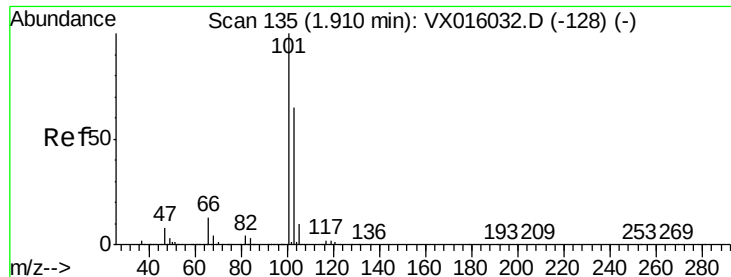
Tgt Ion: 64 Resp: 14517

Ion Ratio Lower Upper

64 100

66 33.6 25.2 37.8





#7

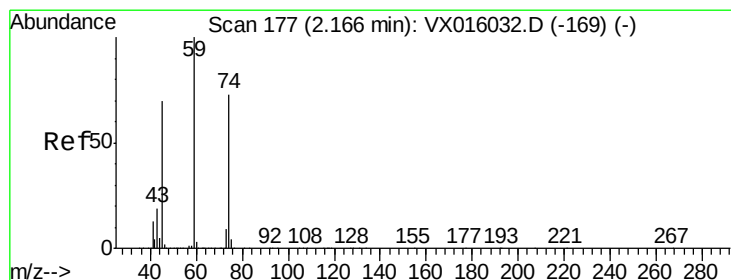
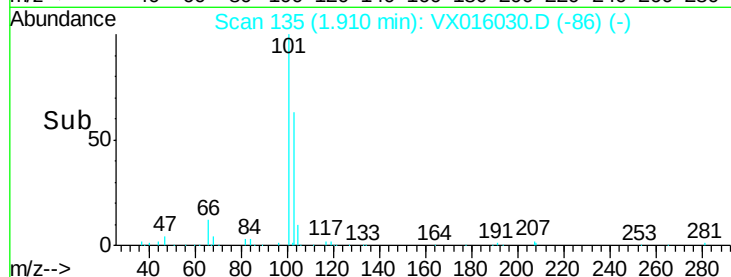
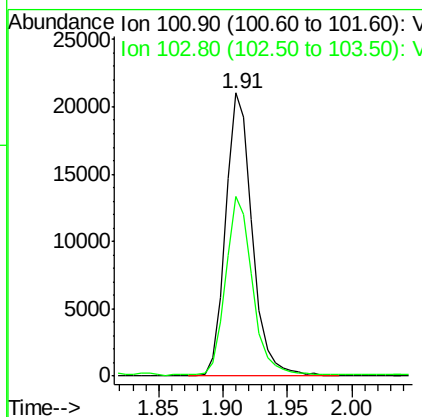
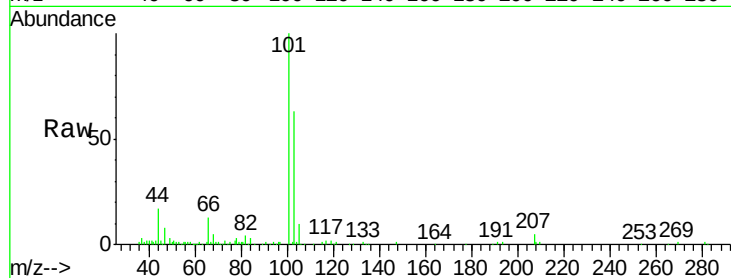
Trichlorofluoromethane
Concen: 5.388 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.8	77.6

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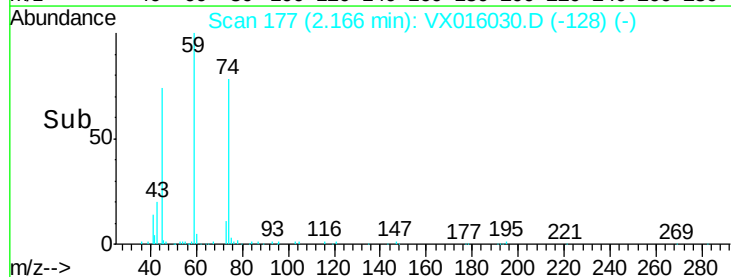
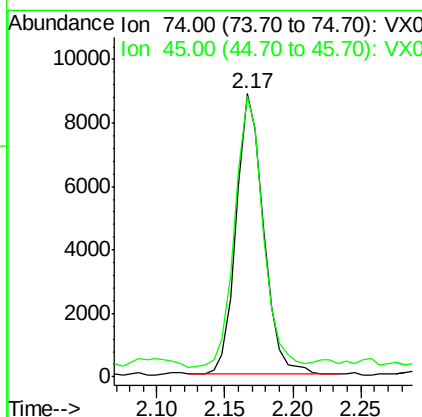
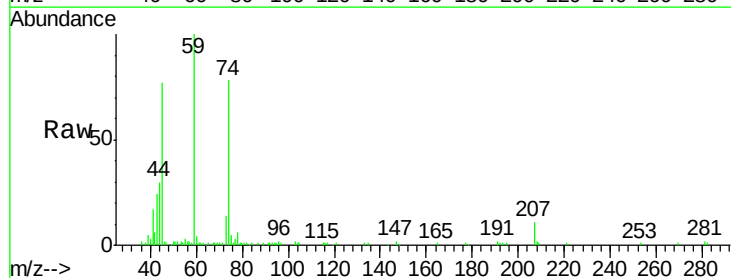
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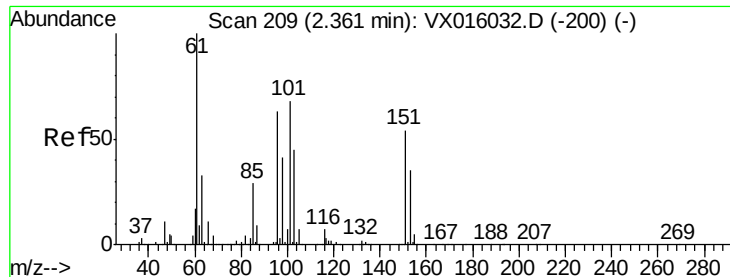


#8

Diethyl Ether
Concen: 5.166 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.311 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

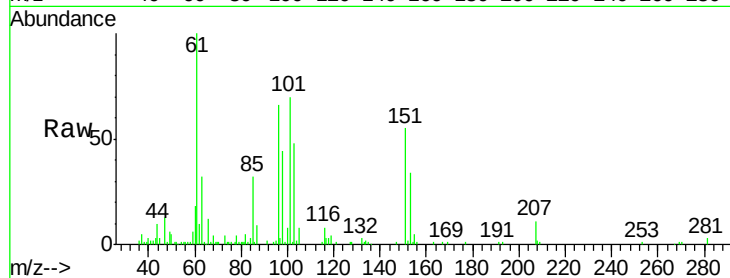
ClientSampleId :

VSTDIC005

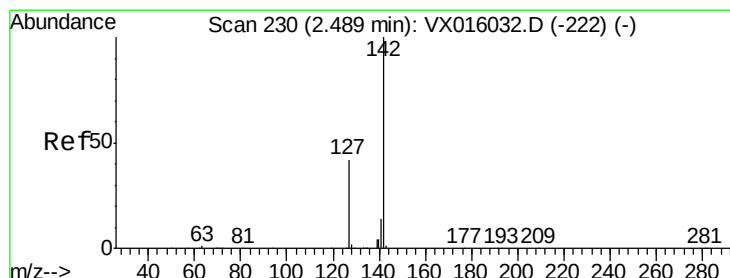
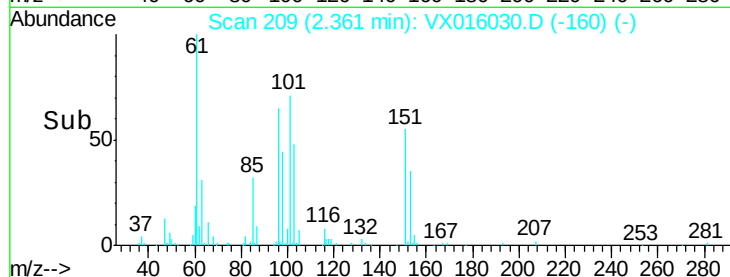
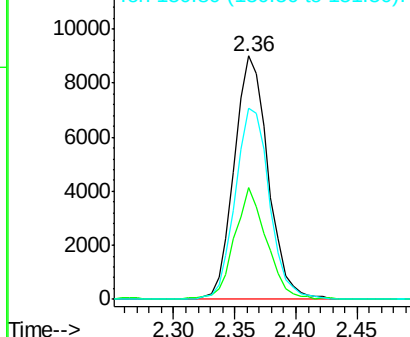
Tot Ion:	101	Resp:	17305
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.2	51.4
151	79.4	62.1	93.1

Manual Integrations
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5/5/2020 11:35:18 AM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.045 ug/l

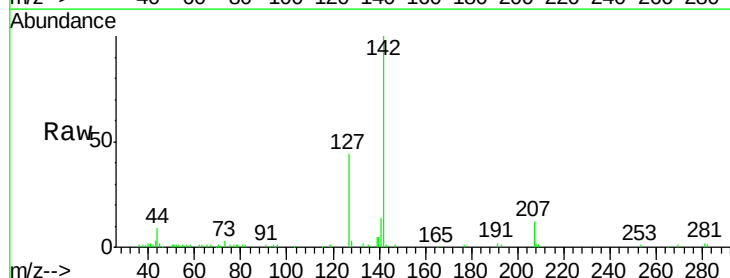
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

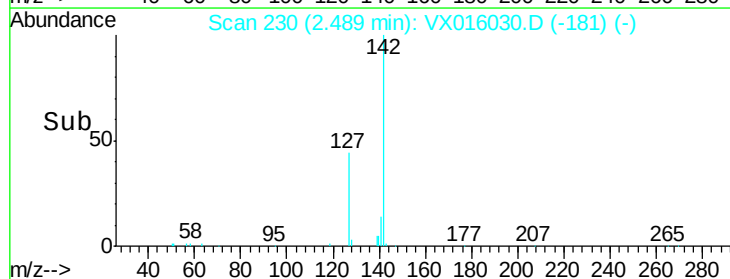
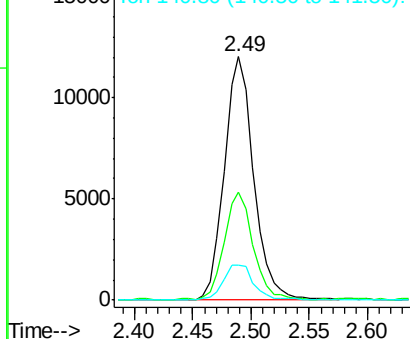
Lab File: VX016030.D

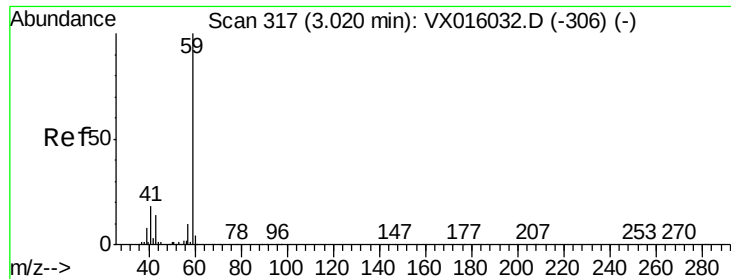
Acq: 04 May 2020 12:02

Tgt Ion:	142	Resp:	21009
Ion Ratio	Lower	Upper	
142	100		
127	44.0	34.6	52.0
141	14.9	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

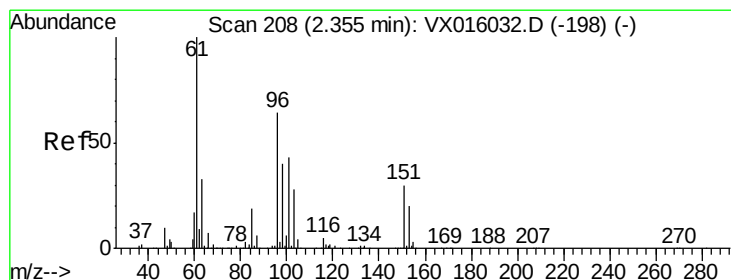
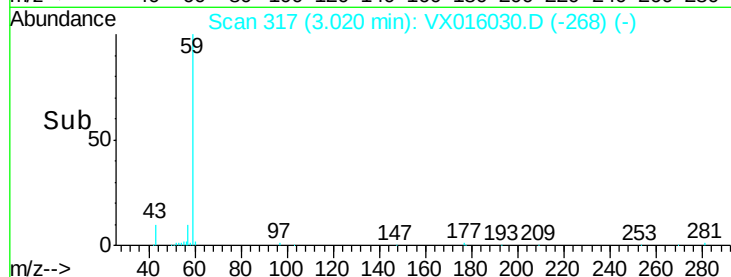
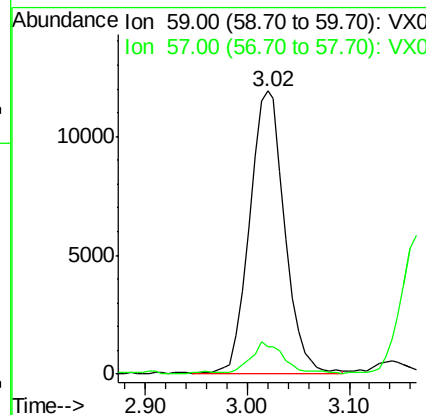
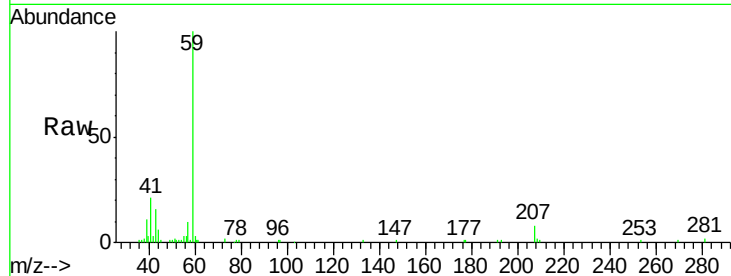
Tert butyl alcohol
Concen: 26.856 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.4

Manual Integrations
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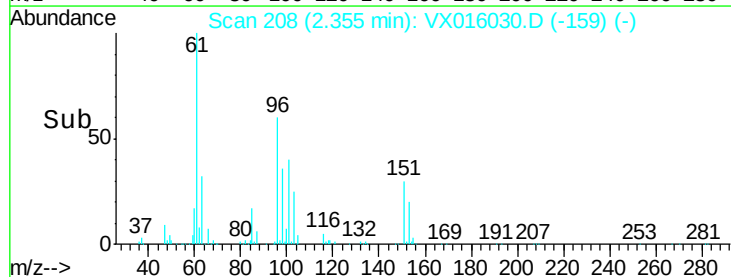
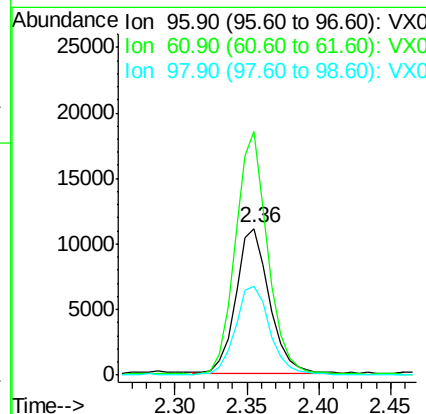
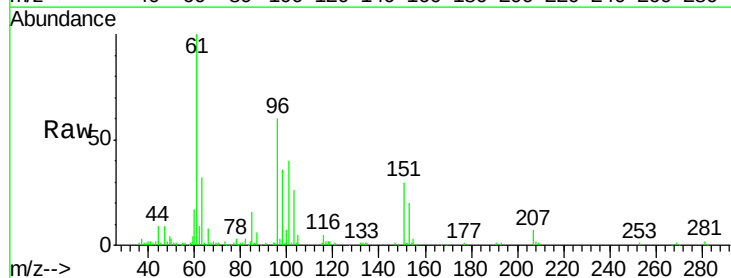
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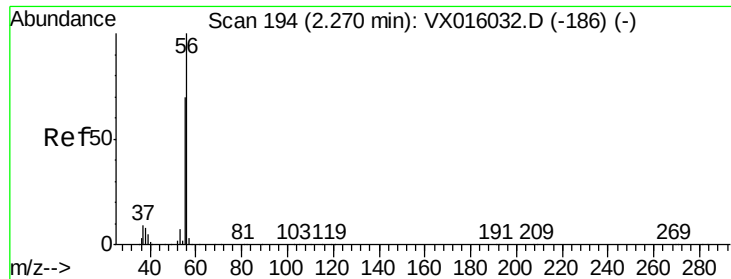


#12

1,1-Dichloroethene
Concen: 5.190 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.3	124.8	187.2
98	61.1	49.7	74.5





#13

Acrolein

Concen: 27.818 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 56 Resp: 18122

Ion Ratio Lower Upper

56 100

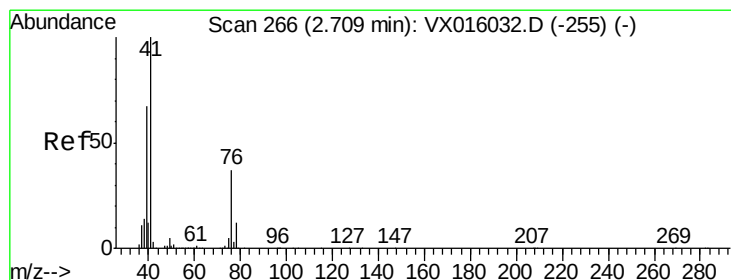
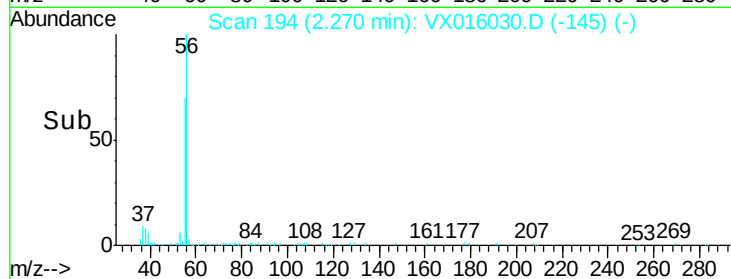
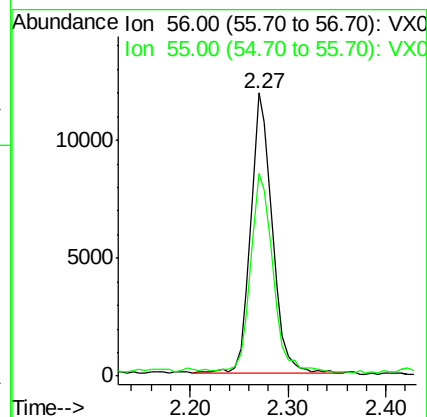
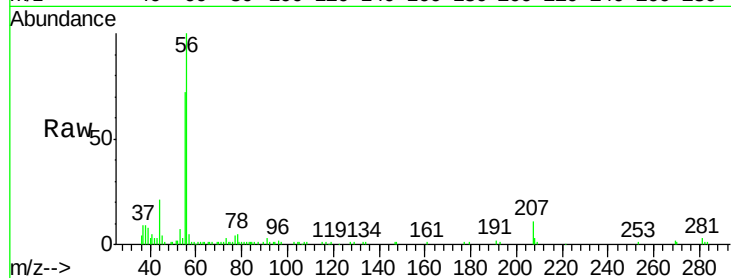
55 73.0 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 5.248 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

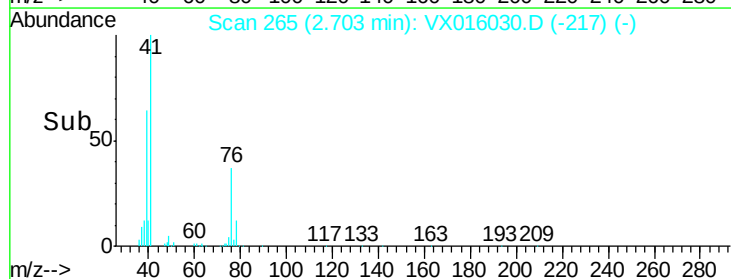
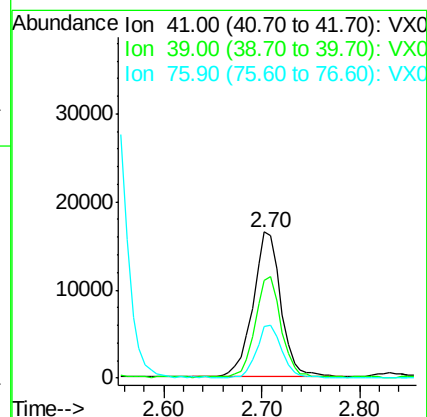
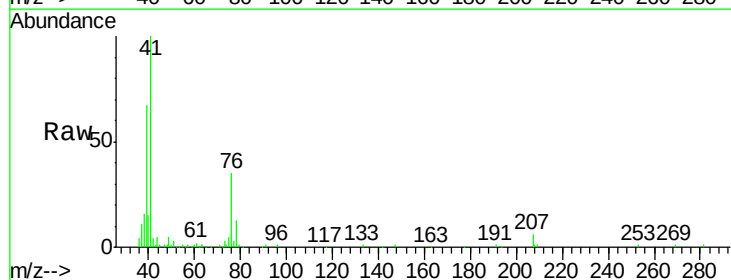
Tgt Ion: 41 Resp: 32724

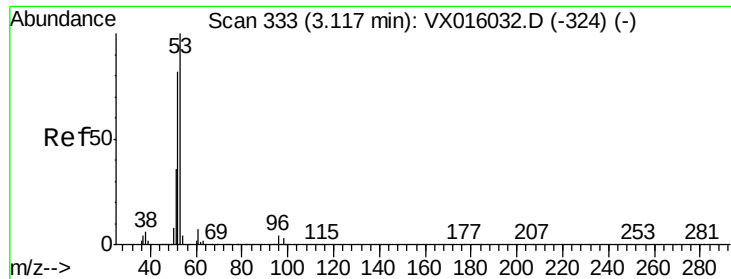
Ion Ratio Lower Upper

41 100

39 64.3 50.5 75.7

76 33.4 26.6 40.0





#15

Acrylonitrile

Concen: 25.897 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

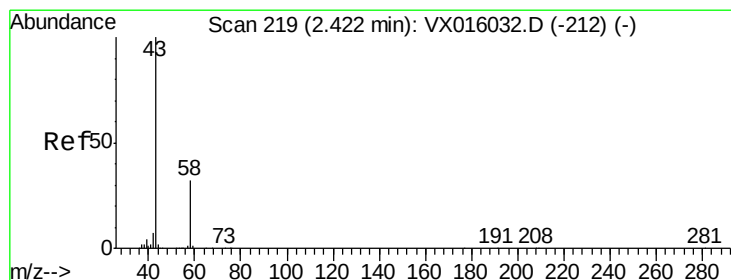
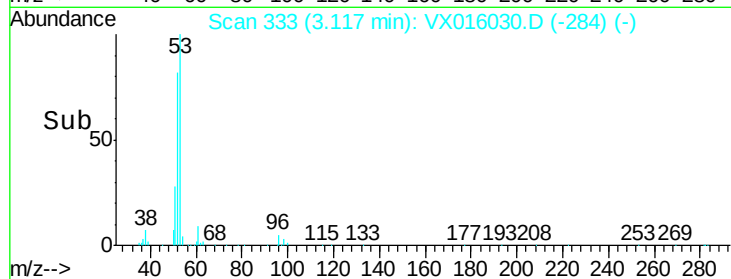
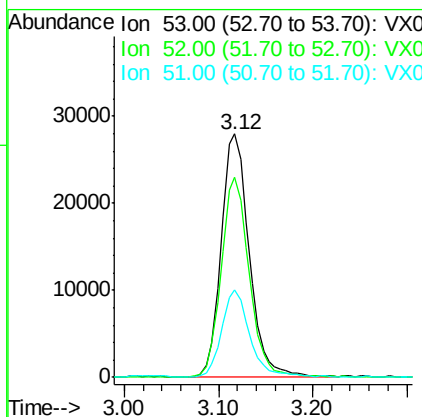
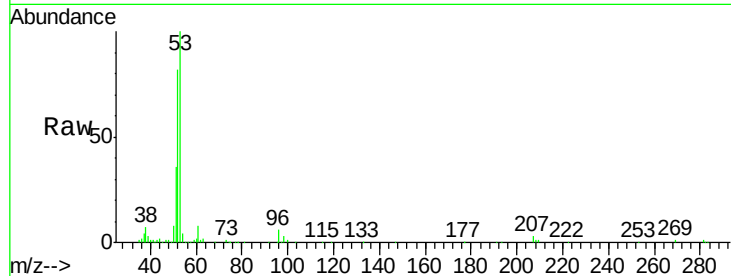
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	58121
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.1	99.1
51	35.4	28.8	43.2

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#16

Acetone

Concen: 25.872 ug/l

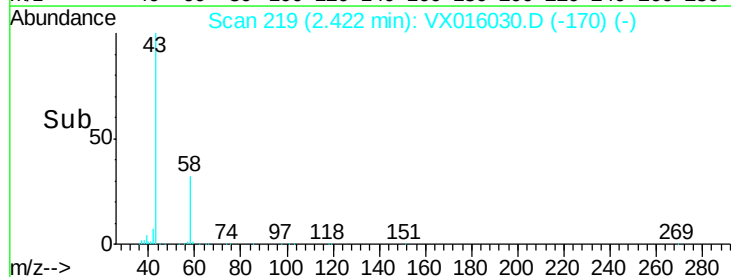
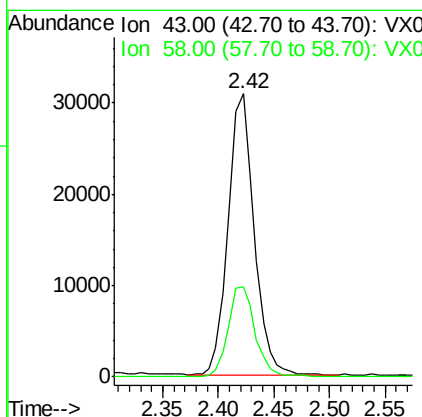
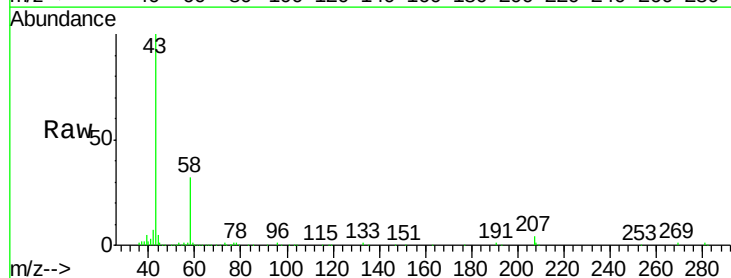
RT: 2.42 min Scan# 219

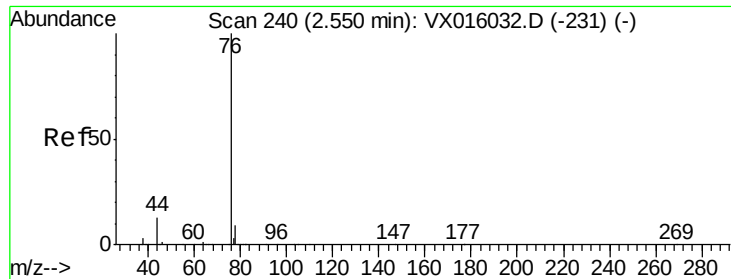
Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion:	43	Resp:	49782
Ion Ratio	Lower	Upper	
43	100		
58	31.8	25.4	38.0





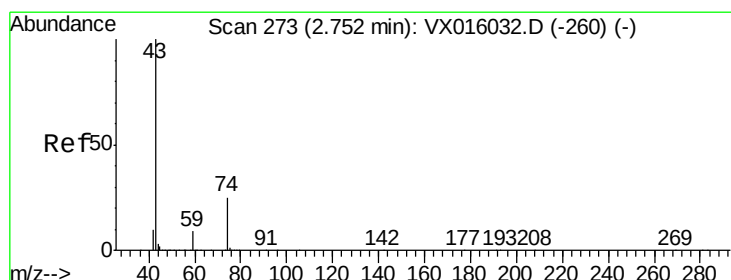
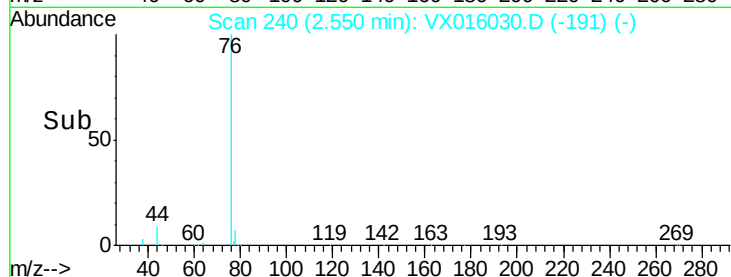
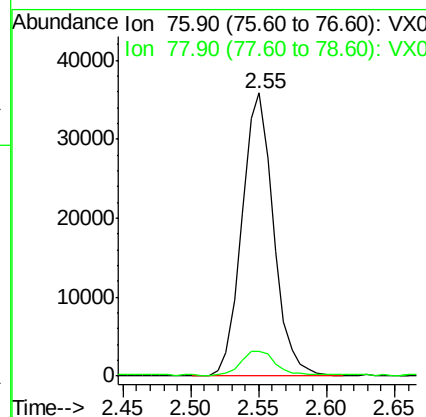
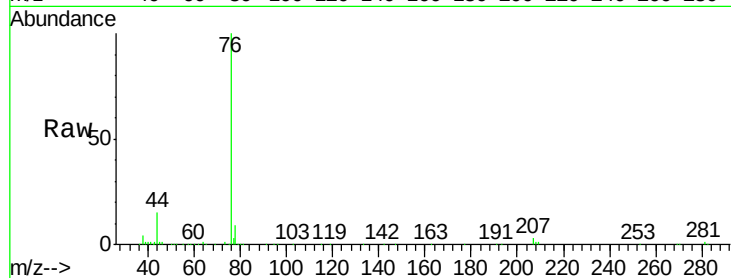
#17
Carbon Disulfide
Concen: 4.786 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.5	11.3

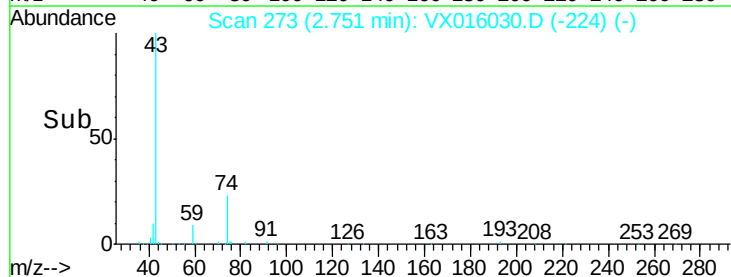
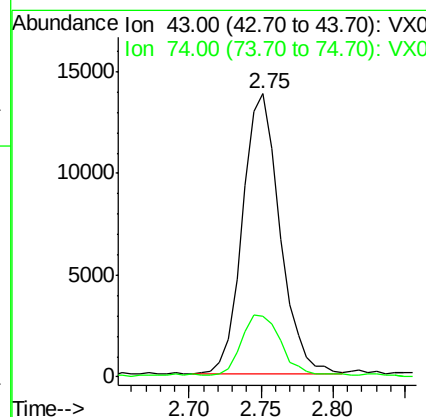
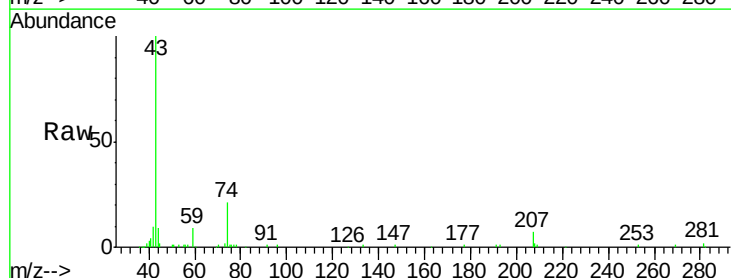
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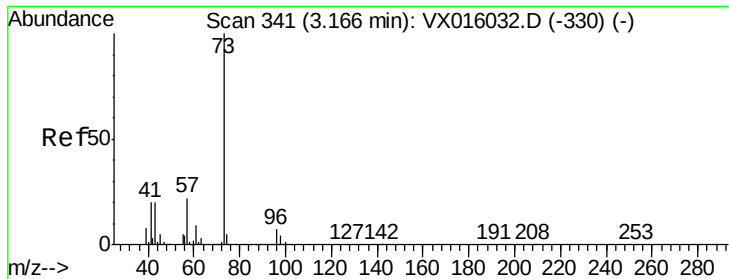
MMDadoda
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#18
Methyl Acetate
Concen: 5.263 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.2	30.2





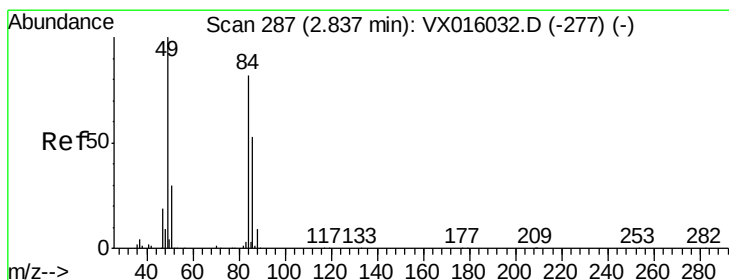
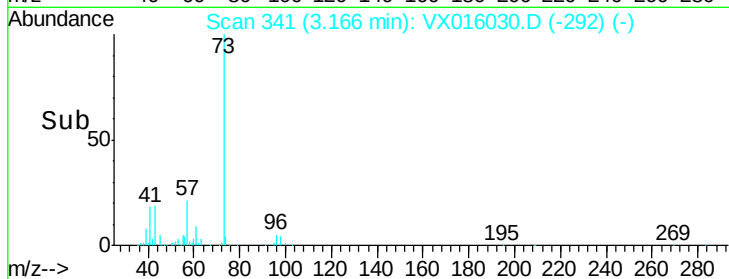
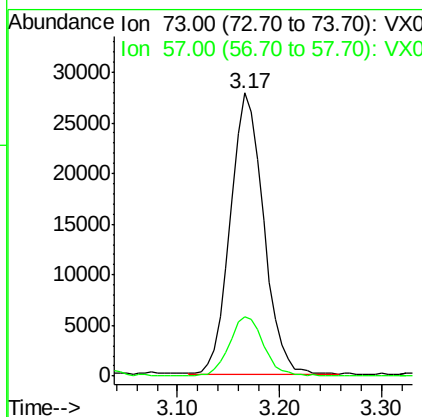
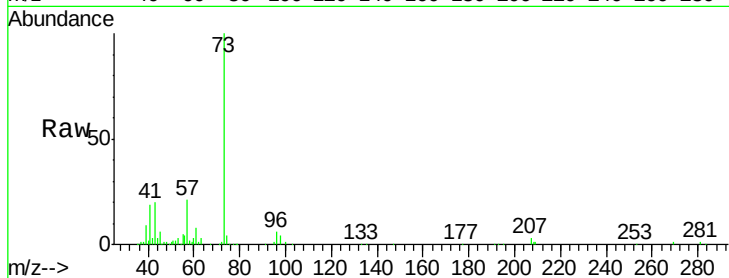
#19
Methyl tert-butyl Ether
Concen: 5.381 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.8	26.6

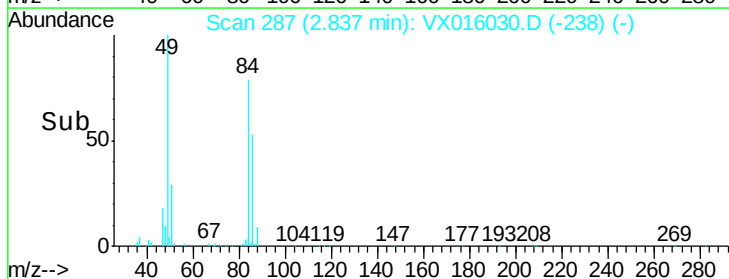
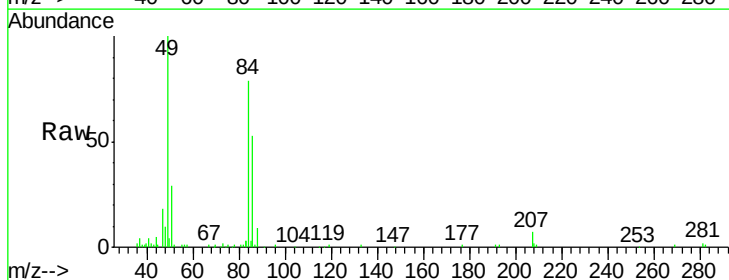
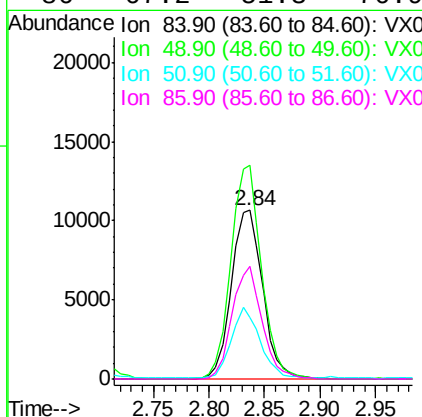
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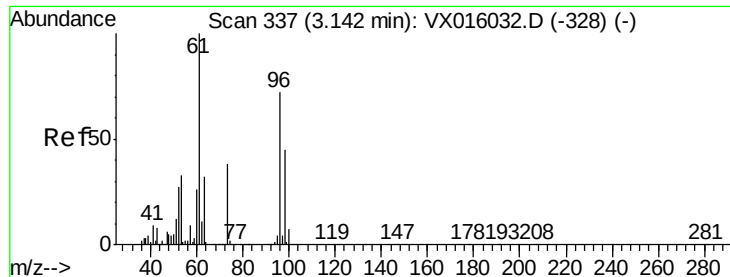
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#20
Methylene Chloride
Concen: 5.123 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	97.3	145.9
51	36.1	29.3	43.9
86	67.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 5.116 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

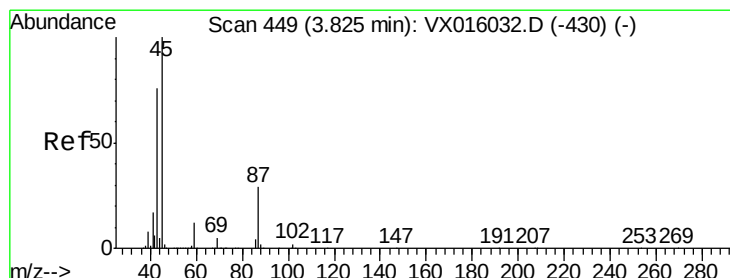
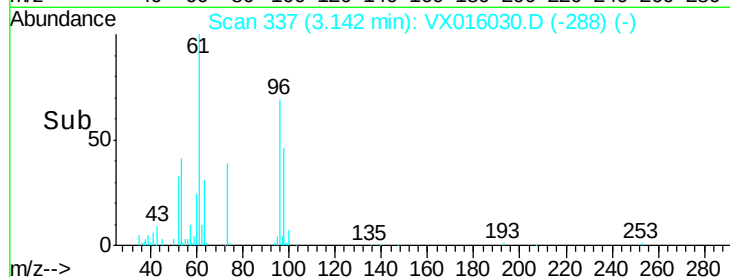
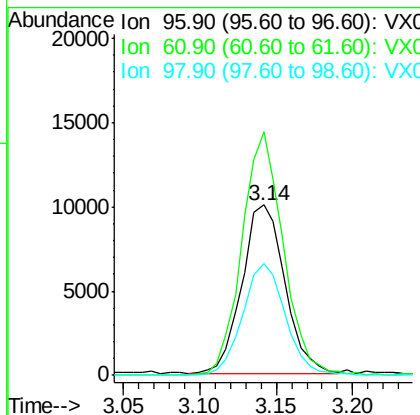
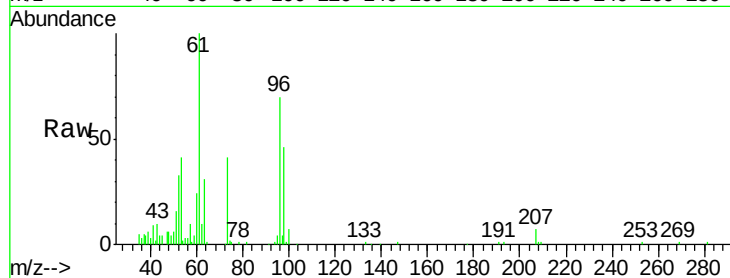
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	19629
Ion	Ratio	Lower	Upper
96	100		
61	144.6	111.2	166.8
98	66.3	50.2	75.4

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#22

Diisopropyl ether

Concen: 5.243 ug/l

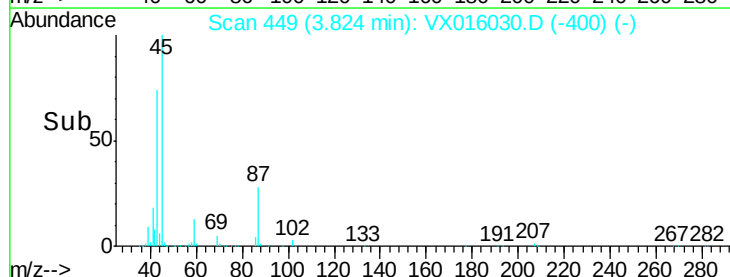
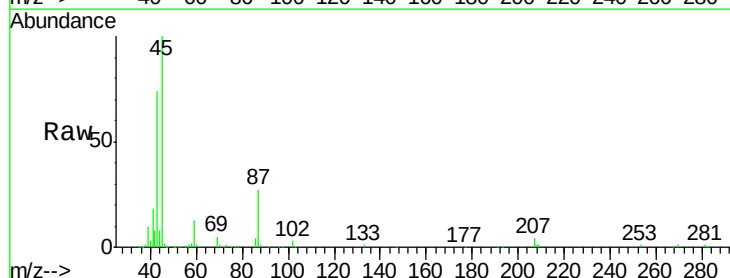
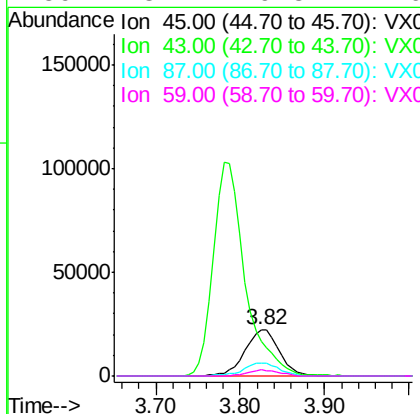
RT: 3.82 min Scan# 449

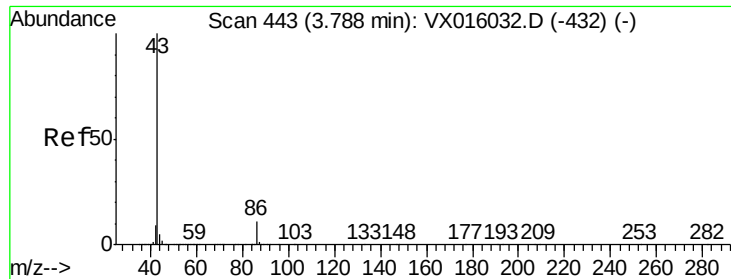
Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion:	45	Resp:	61719
Ion	Ratio	Lower	Upper
45	100		
43	72.8	61.1	91.7
87	27.4	23.0	34.6
59	13.1	9.8	14.6





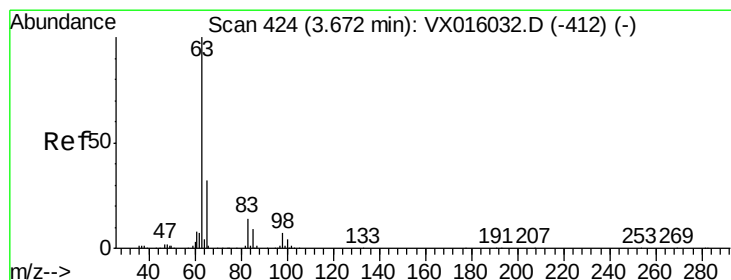
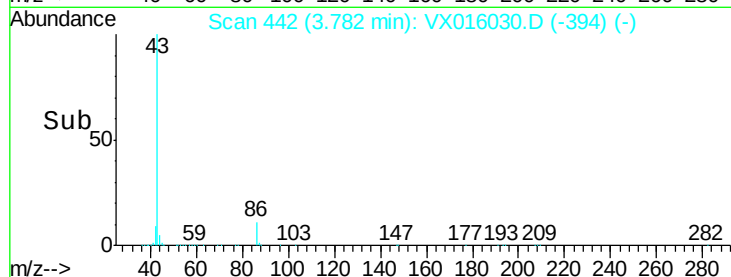
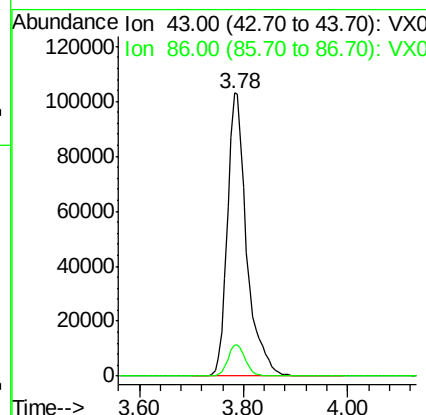
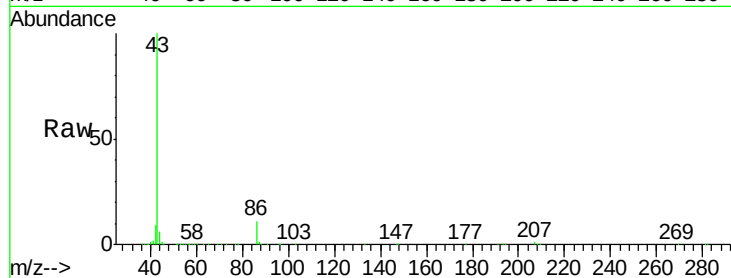
#23
 Vinyl Acetate
 Concen: 26.455 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
43	100	269566		
86	11.0		9.0	13.4

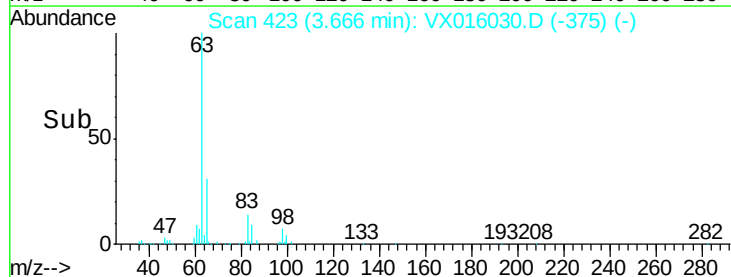
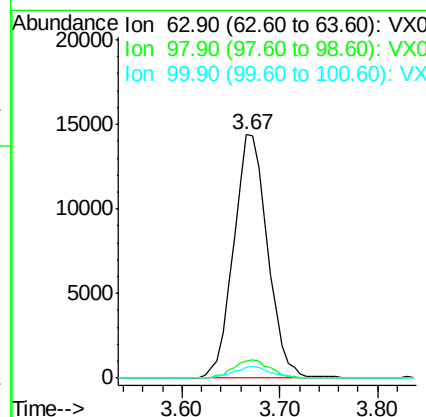
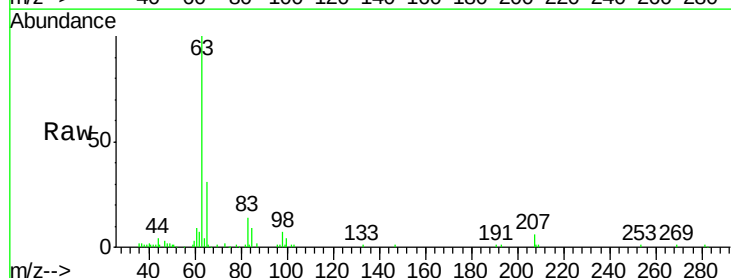
Manual Integrations
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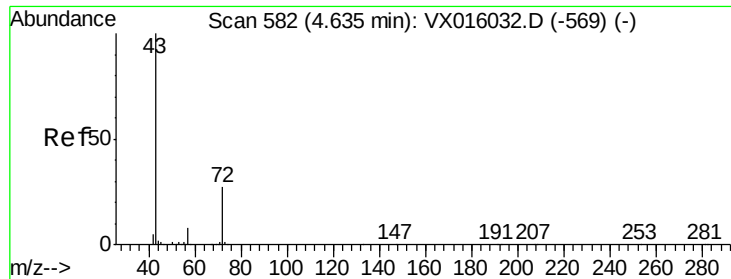
MMDadoda
 5/5/2020 11:35:18 AM



#24
 1,1-Dichloroethane
 Concen: 5.277 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	34644		
98	6.9		3.5	10.5
100	4.3		2.1	6.5





#25

2-Butanone

Concen: 26.409 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 80284

Ion Ratio Lower Upper

43 100

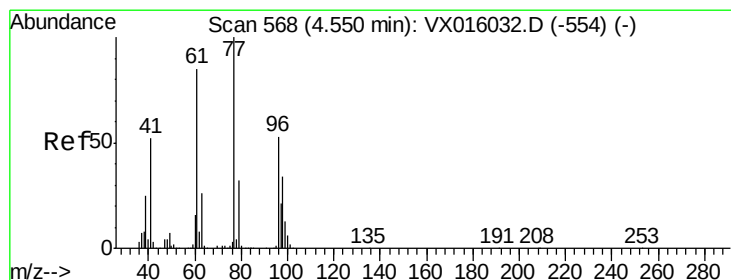
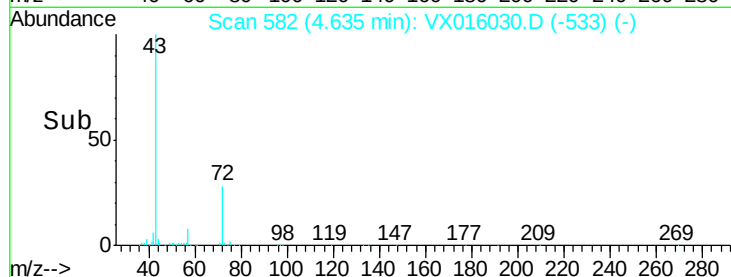
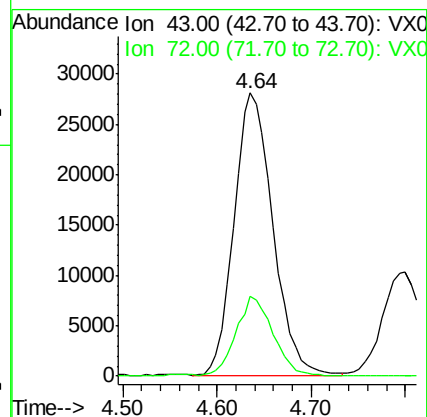
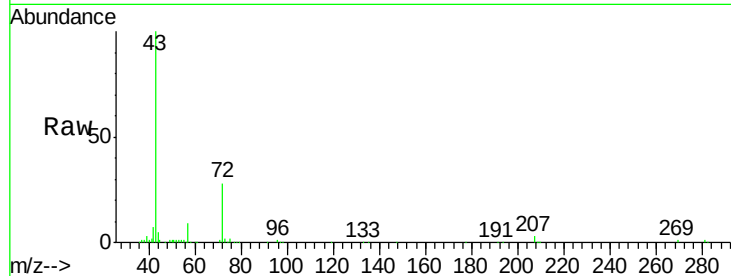
72 28.1 21.8 32.8

Manual Integrations

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MMDadoda

5/5/2020 11:35:18 AM



#26

2,2-Dichloropropane

Concen: 5.293 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016030.D

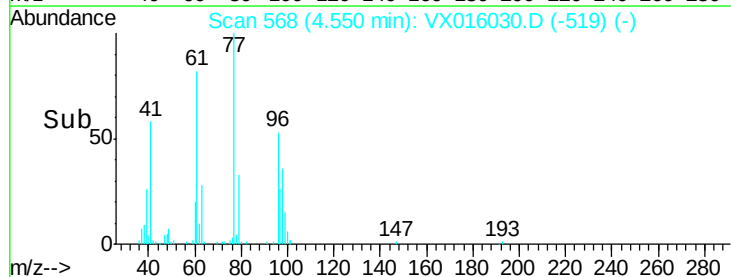
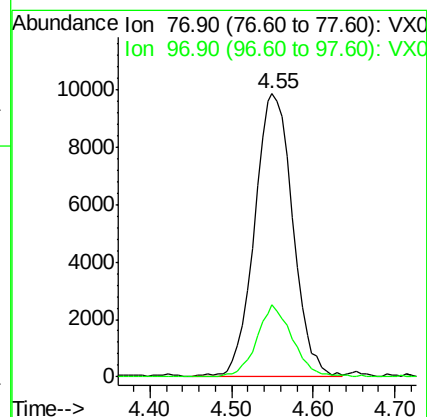
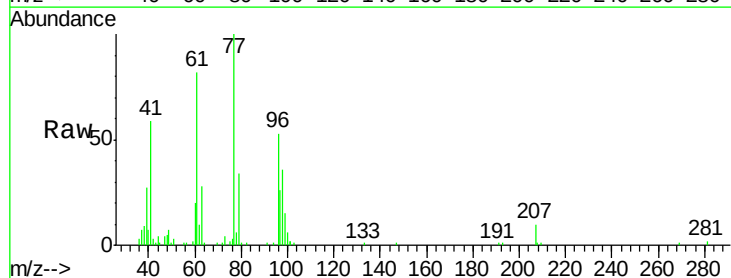
Acq: 04 May 2020 12:02

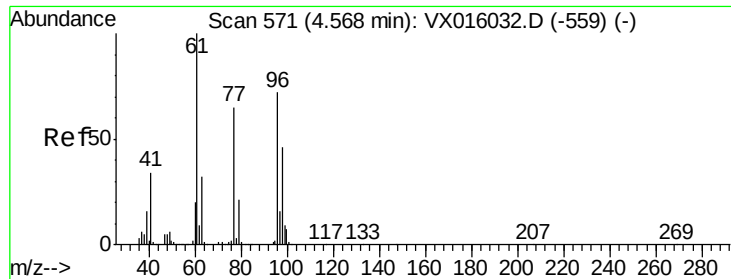
Tgt Ion: 77 Resp: 32155

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.6





#27

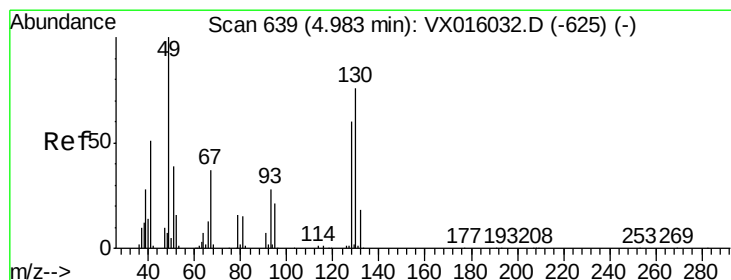
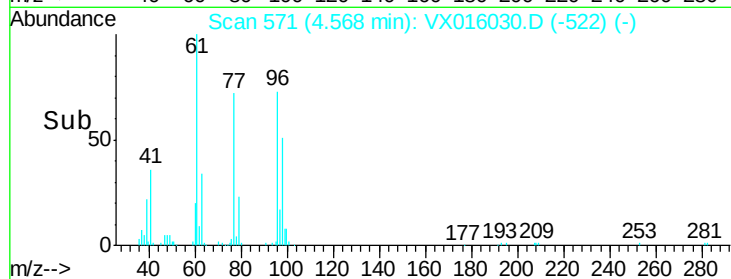
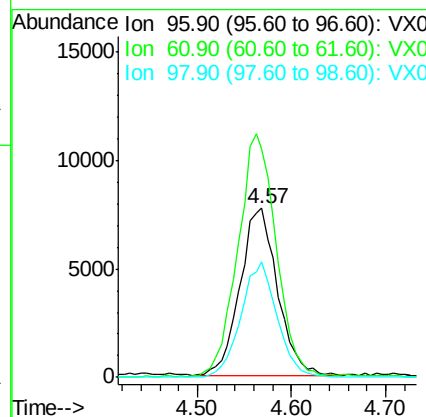
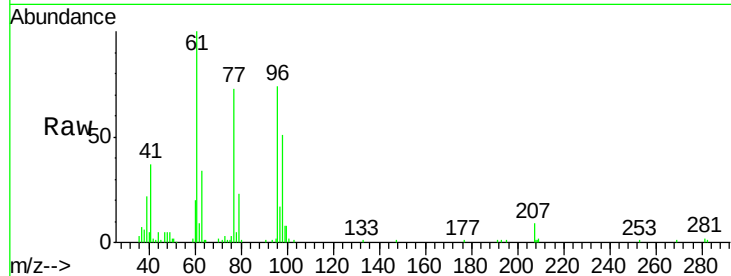
cis-1,2-Dichloroethene
Concen: 5.187 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	296.2
98	66.4	0.0	129.4

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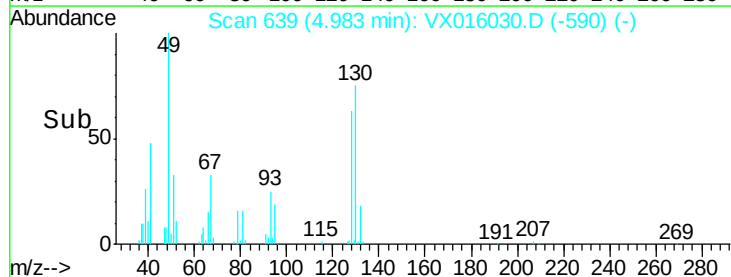
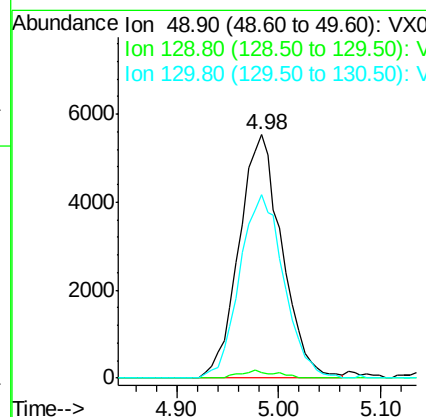
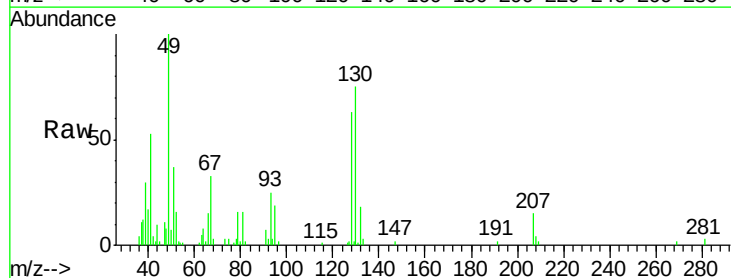
MMDadoda
5/5/2020 11:35:18 AM

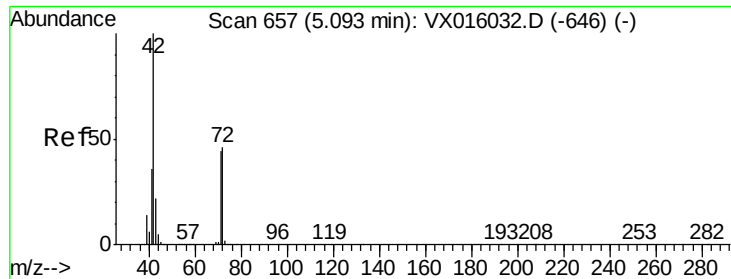


#28

Bromochloromethane
Concen: 5.426 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.0
130	77.5	62.4	93.6





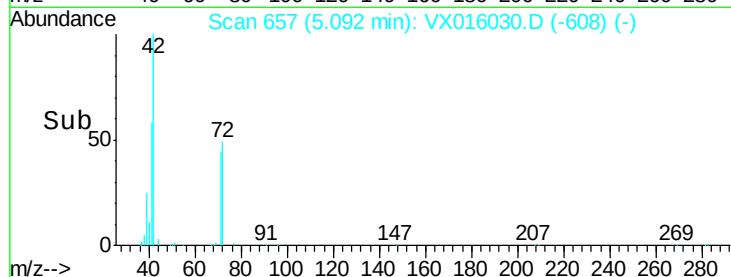
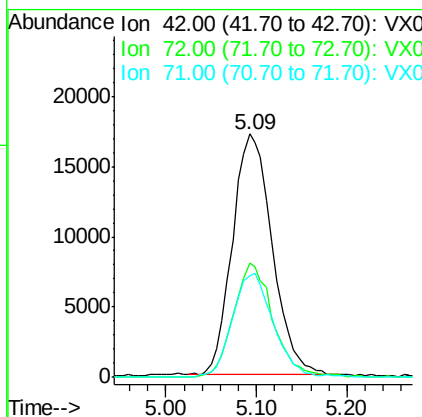
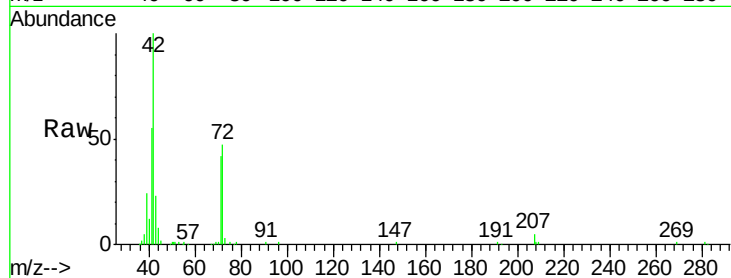
#29
Tetrahydrofuran
Concen: 25.799 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	42	Resp:	52228
Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.1	55.7
71	44.0	34.5	51.7

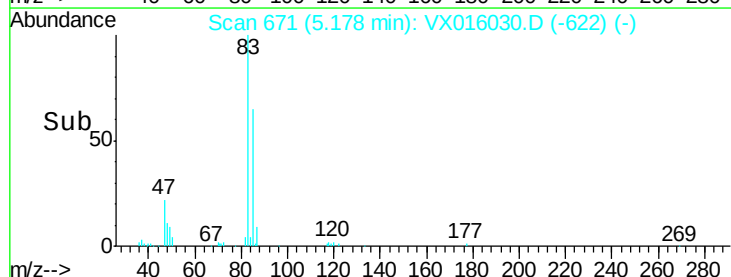
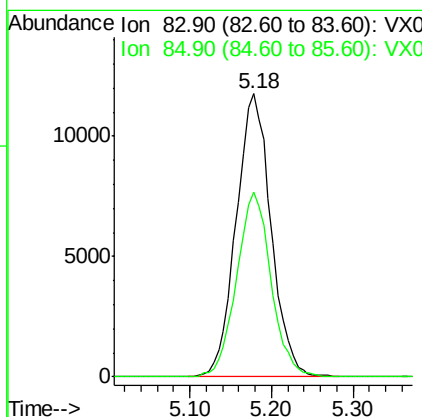
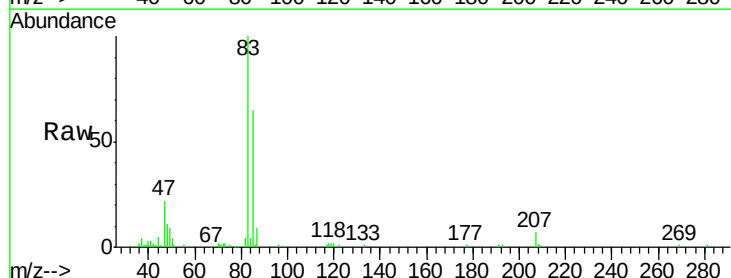
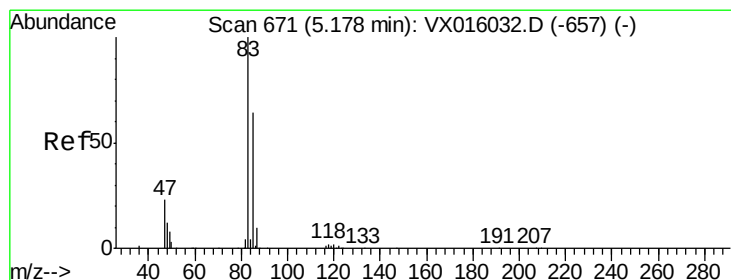
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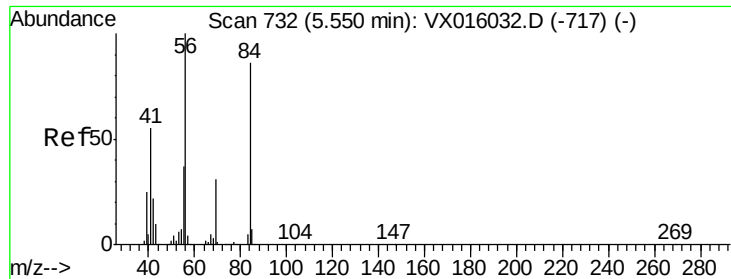
MMDadoda
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#30
Chloroform
Concen: 5.324 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion:	83	Resp:	34829
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4





#31

Cyclohexane

Concen: 5.246 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

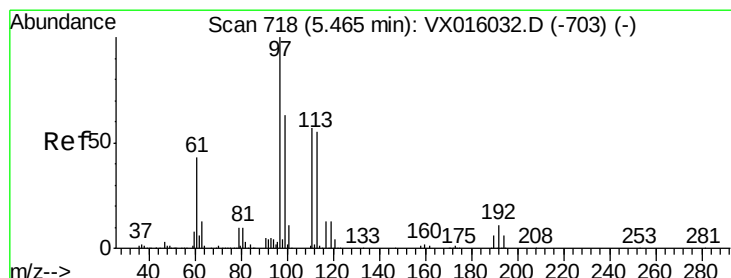
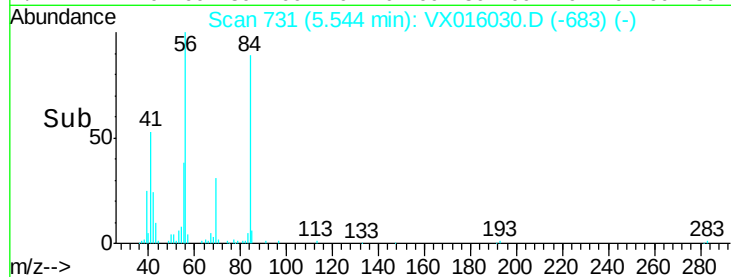
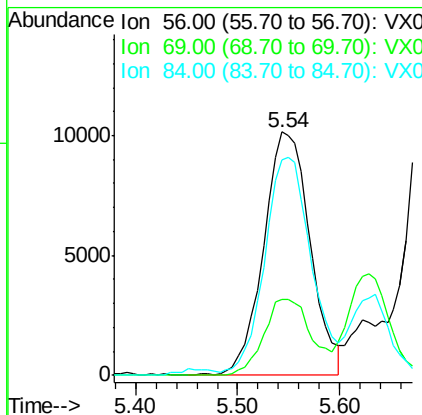
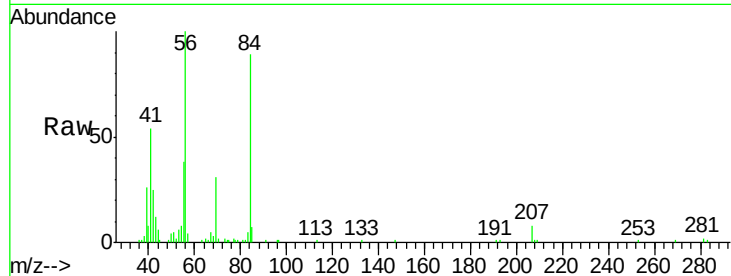
ClientSampled :

VSTDIC005

Tot Ion:	56	Resp:	32132
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.6
84	85.8	69.0	103.6

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#32

1,1,1-Trichloroethane

Concen: 5.265 ug/l

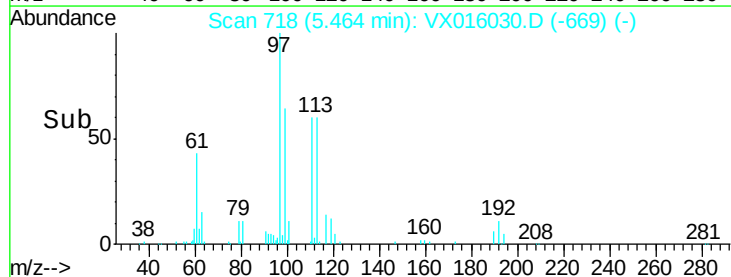
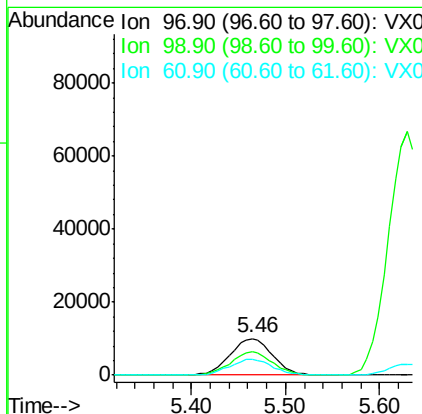
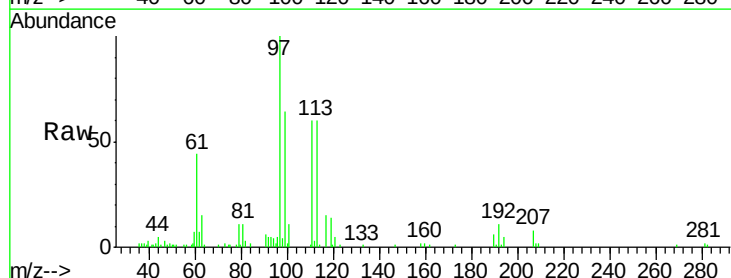
RT: 5.46 min Scan# 718

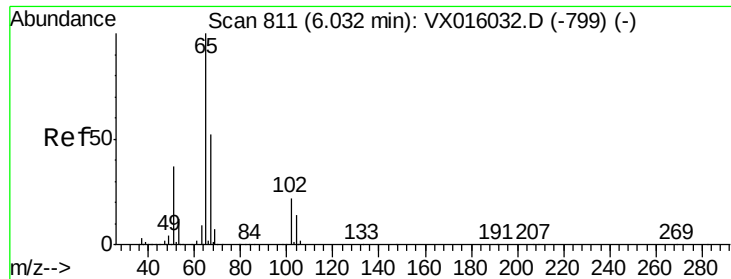
Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion:	97	Resp:	31272
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	43.8	34.5	51.7





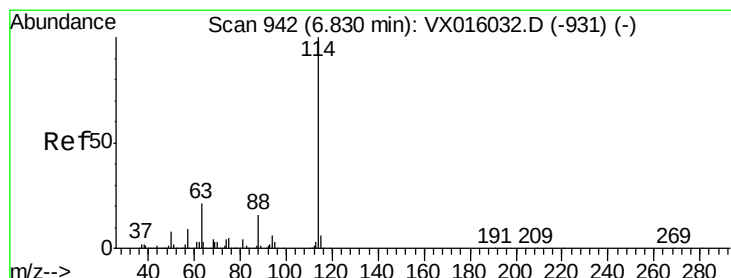
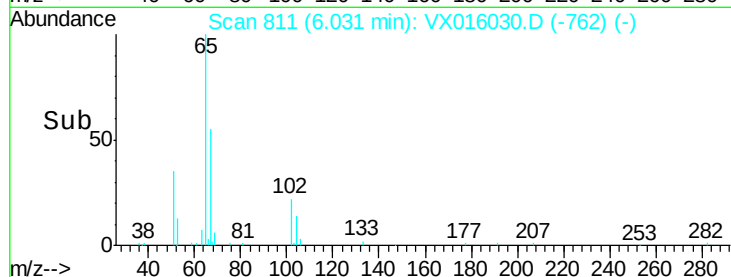
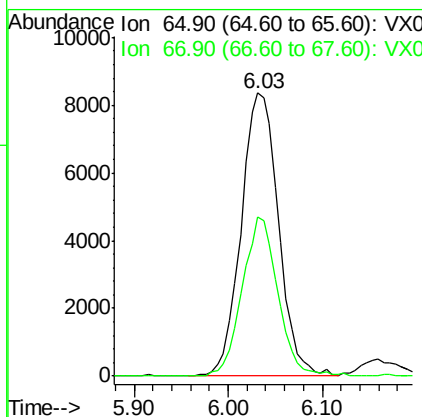
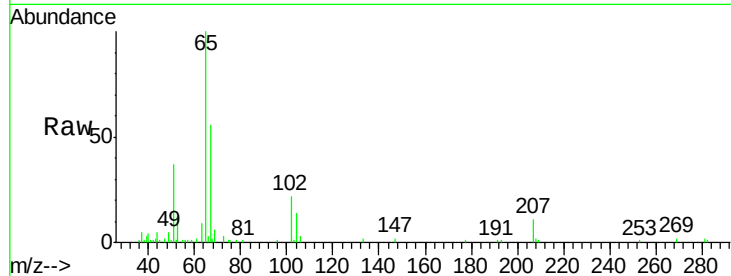
#33
 1,2-Dichloroethane-d4
 Concen: 4.640 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	104.8

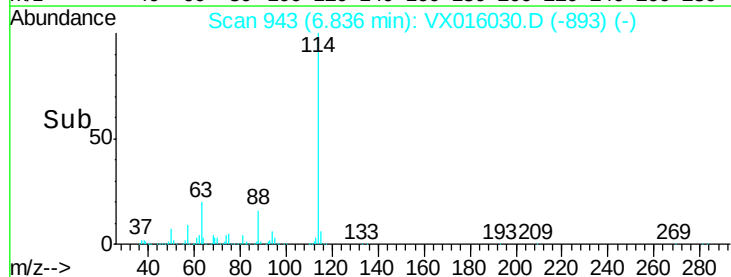
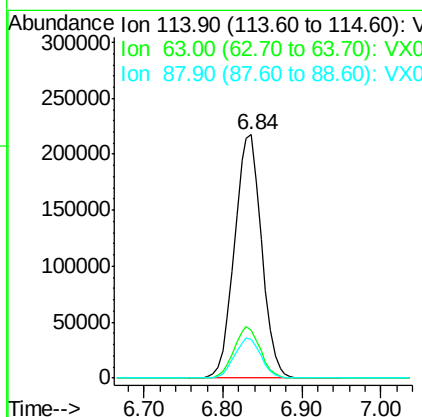
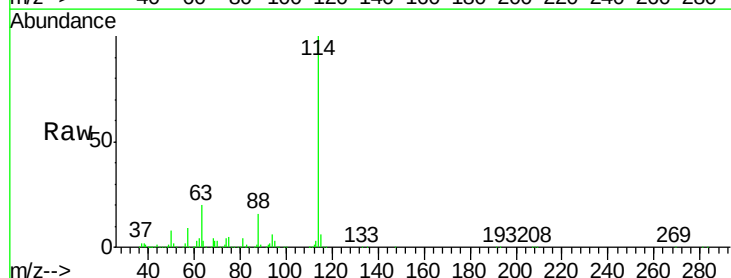
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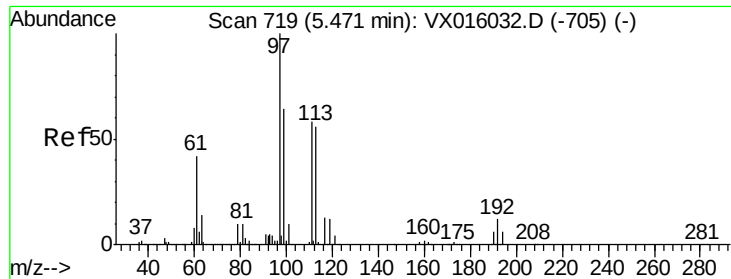
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.8
88	15.7	0.0	31.4





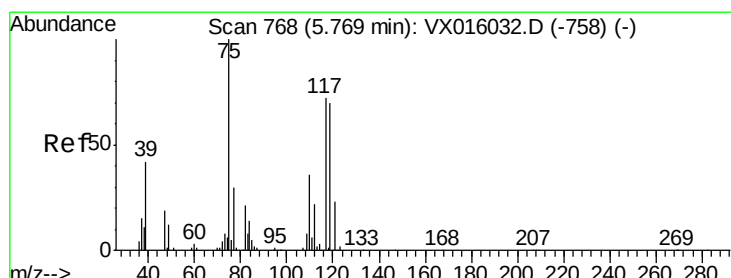
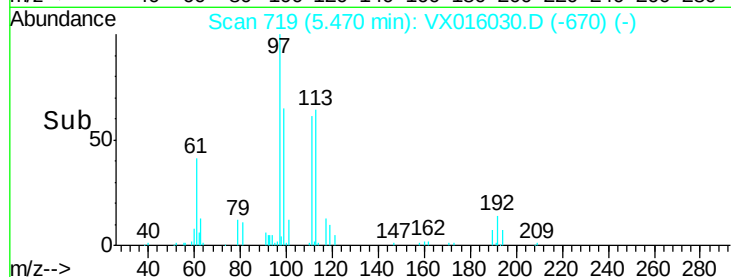
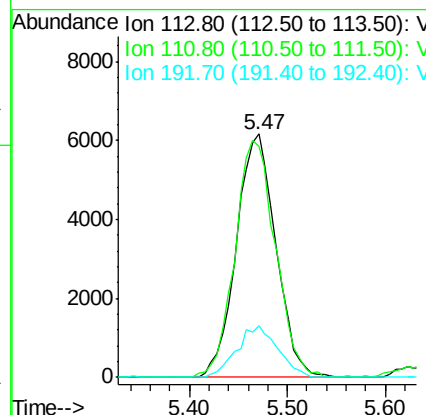
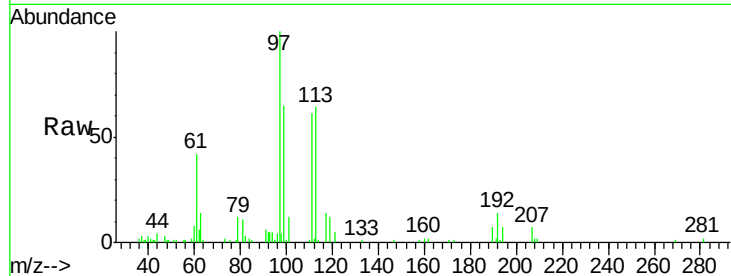
#35
 Dibromofluoromethane
 Concen: 4.734 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	17352		
111	99.7	81.6	122.4	
192	21.9	17.0	25.4	

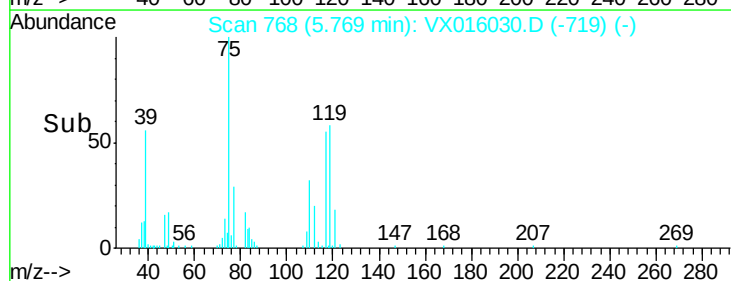
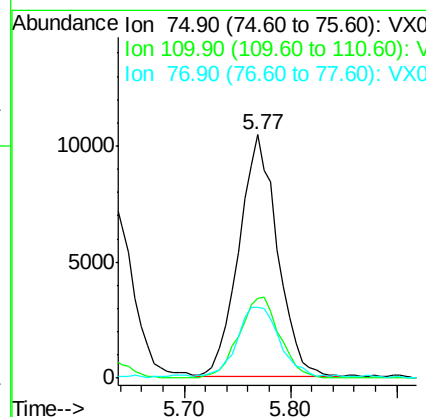
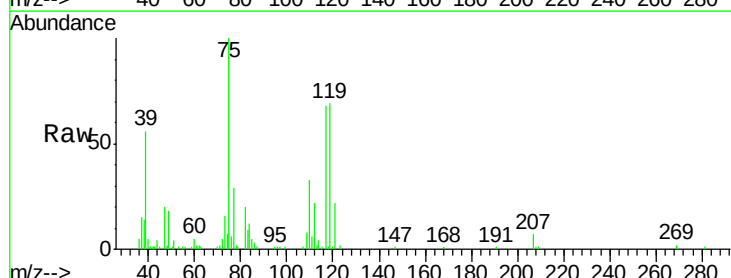
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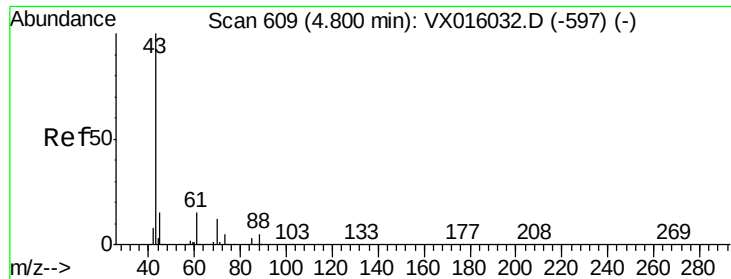
MMDadoda
 5/5/2020 11:35:18 AM



#36
 1,1-Dichloropropene
 Concen: 5.111 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26455		
110	35.5	18.1	54.1	
77	33.7	25.0	37.6	





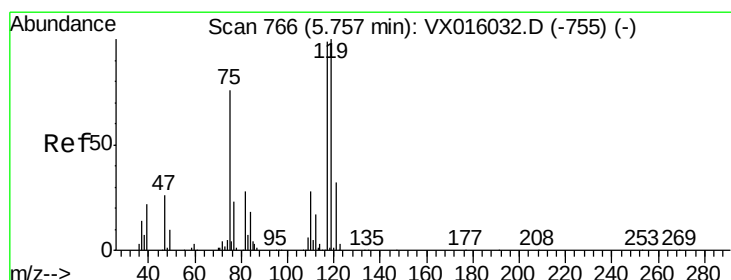
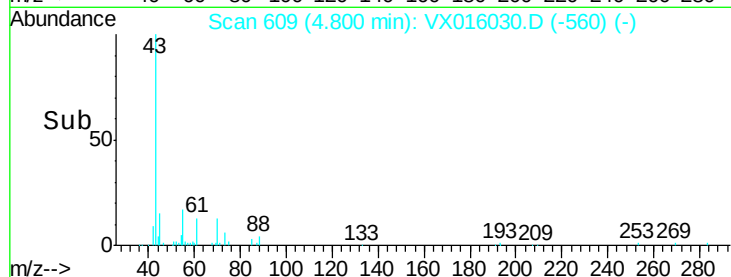
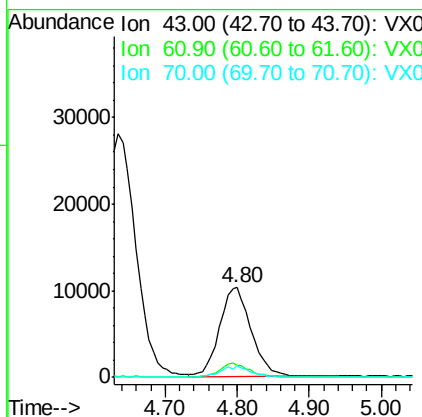
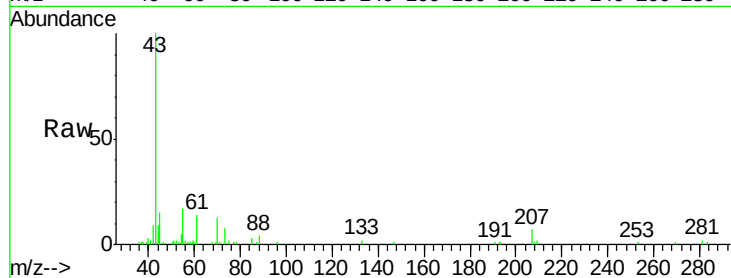
#37
Ethyl Acetate
Concen: 5.272 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.7	17.5
70	12.3	9.3	13.9

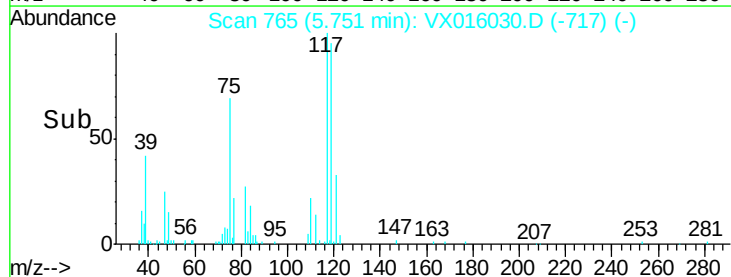
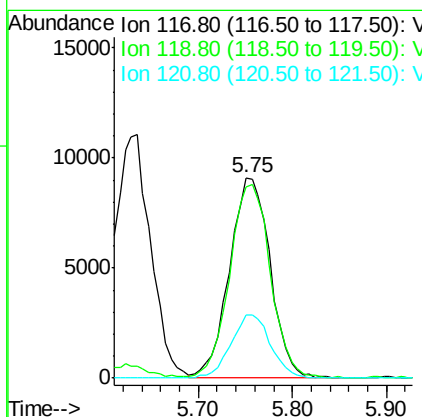
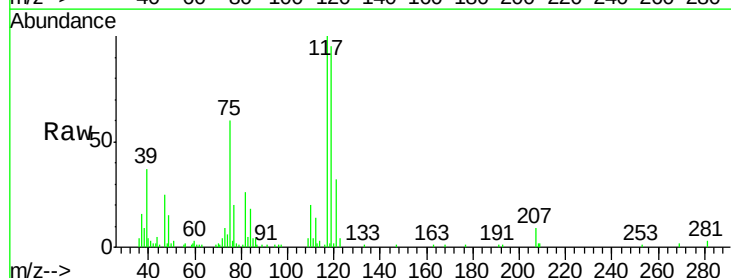
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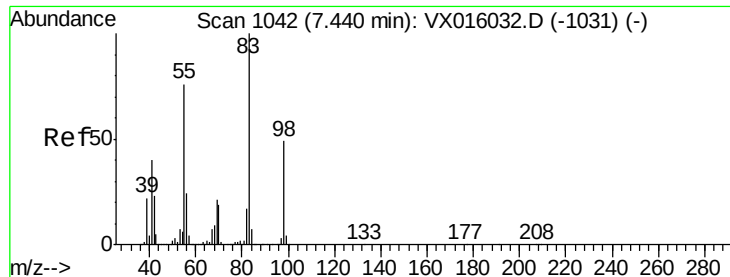
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#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	80.3	120.5
121	31.6	25.7	38.5





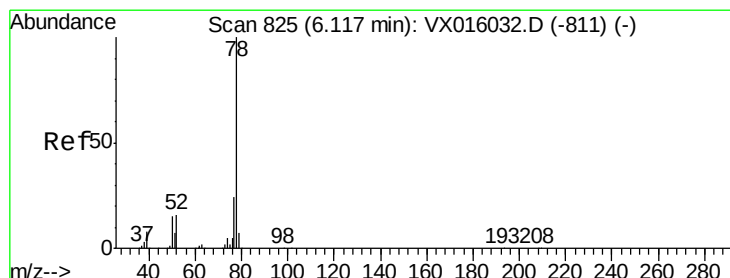
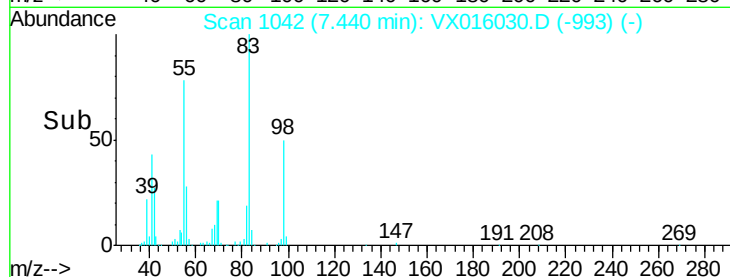
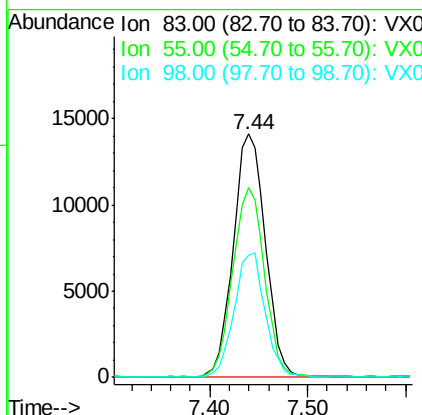
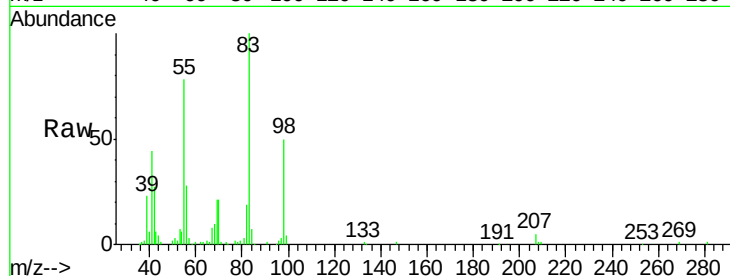
#39
Methylvlcyclohexane
Concen: 5.223 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.1	91.7
98	50.3	39.0	58.4

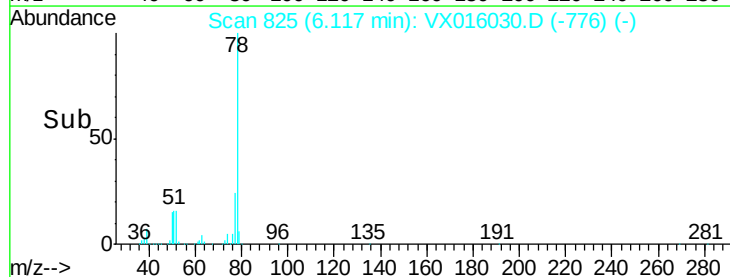
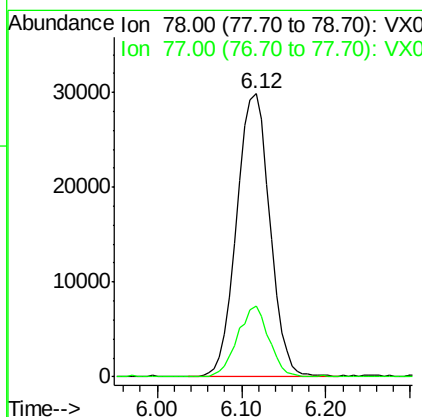
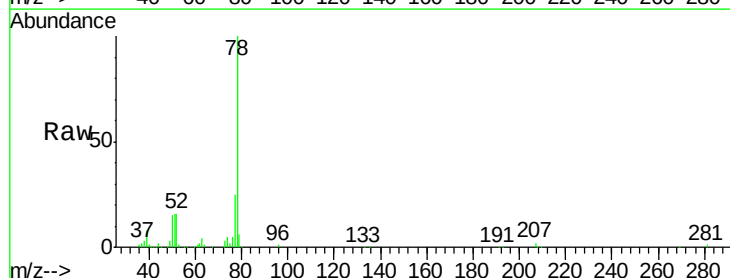
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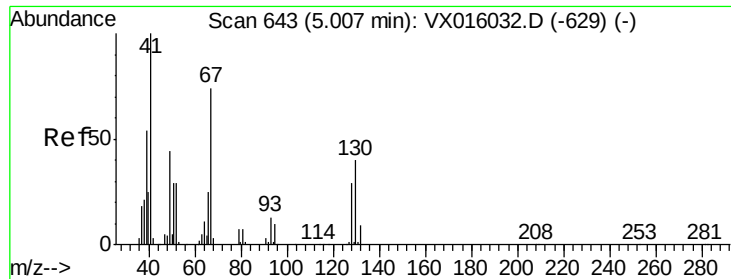
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#40
Benzene
Concen: 5.224 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.4





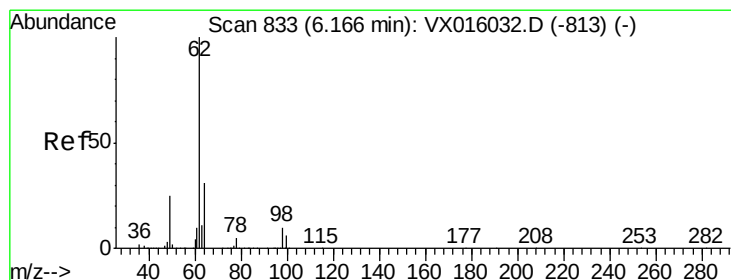
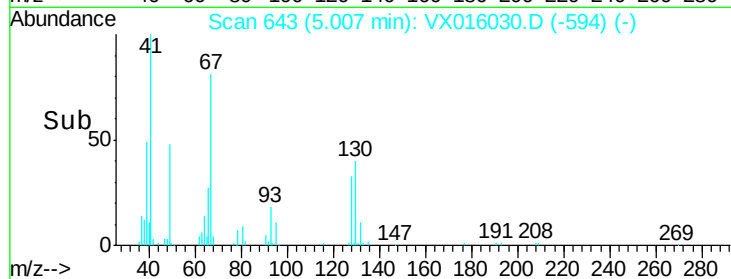
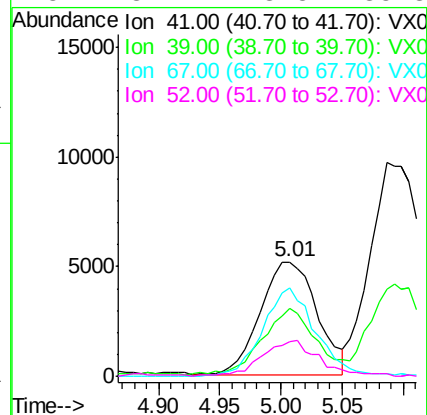
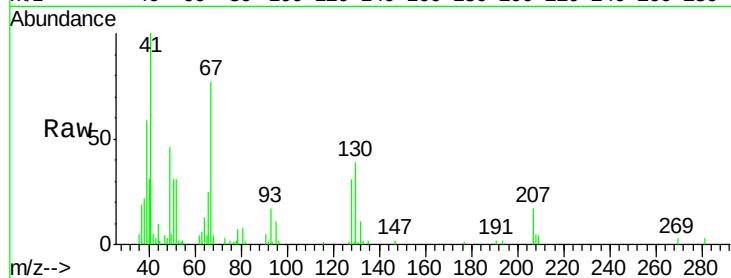
#41
Methacrylonitrile
Concen: 5.207 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		16575		
39	56.1	43.2	64.8		
67	73.8	59.3	88.9		
52	32.2	23.5	35.3		

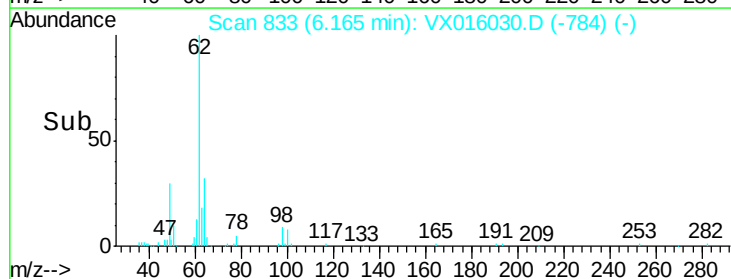
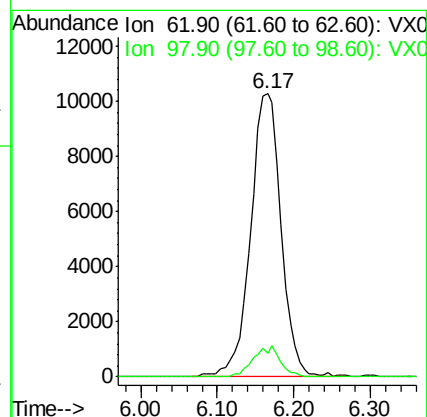
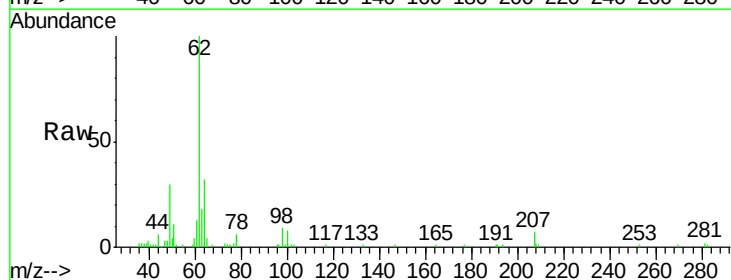
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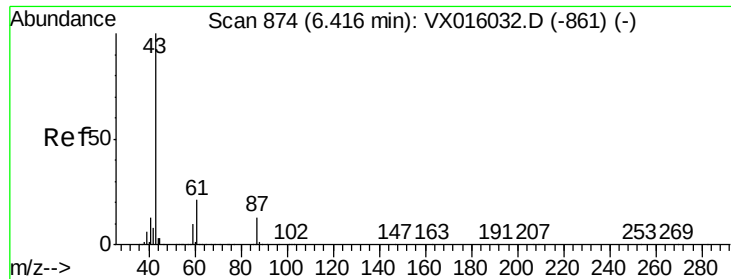
MMDadoda
5/5/2020 11:35:18 AM



#42
1,2-Dichloroethane
Concen: 5.224 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		28583		
98	9.7	0.0	19.4		





#43

Isopropyl Acetate

Concen: 5.220 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

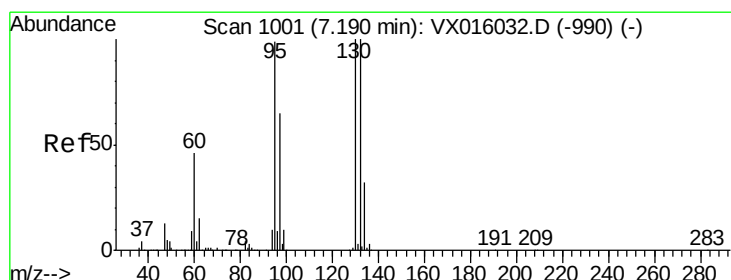
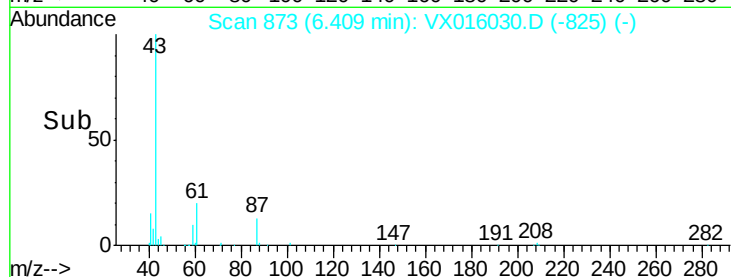
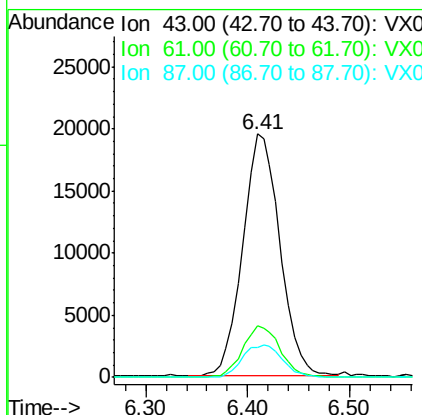
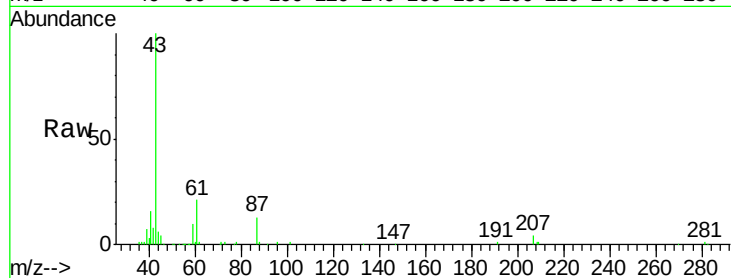
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	48956
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.0	25.4
87	14.6	11.0	16.6

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#44

Trichloroethene

Concen: 5.353 ug/l

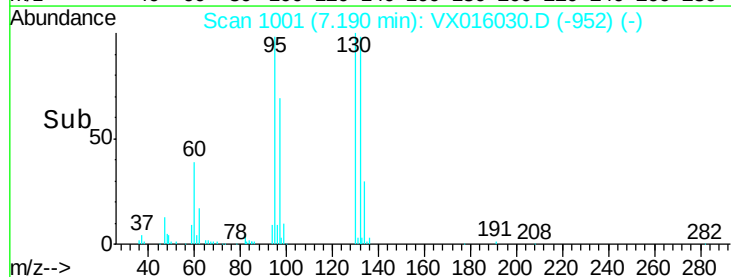
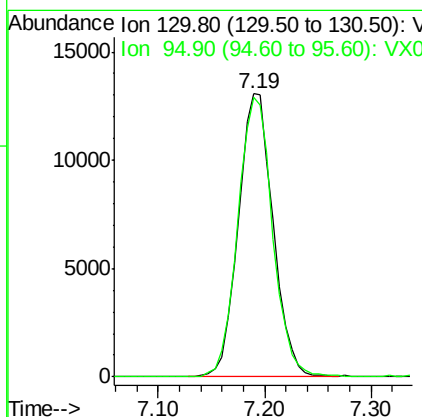
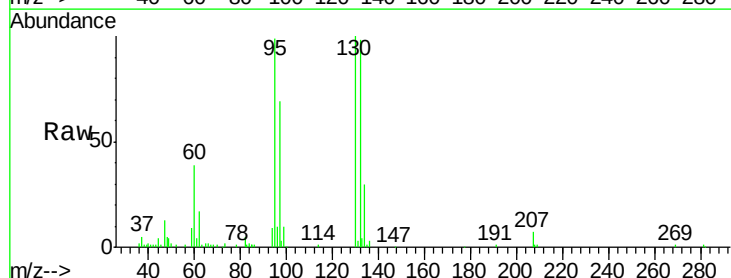
RT: 7.19 min Scan# 1001

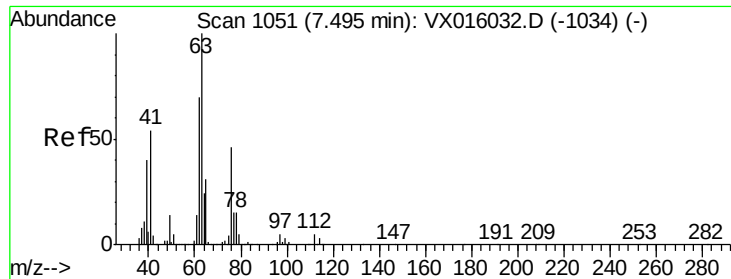
Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion:	130	Resp:	29984
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	197.4





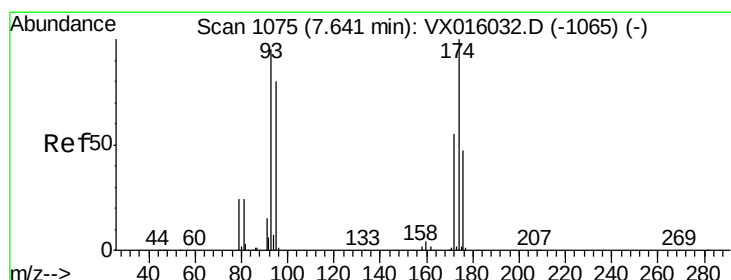
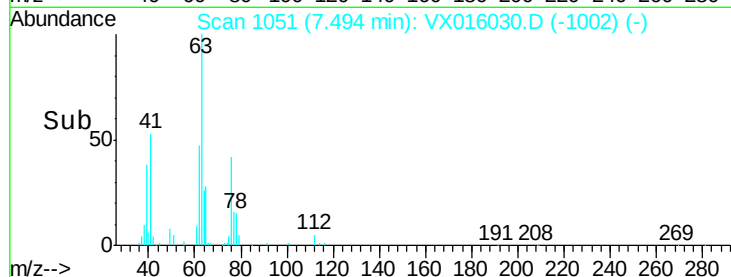
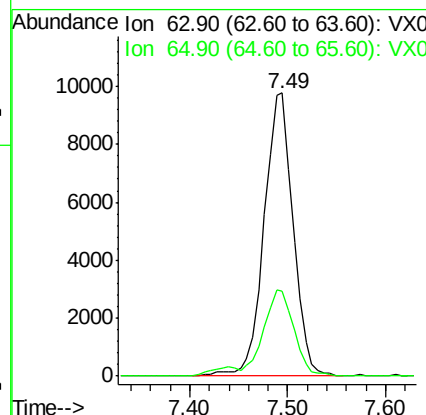
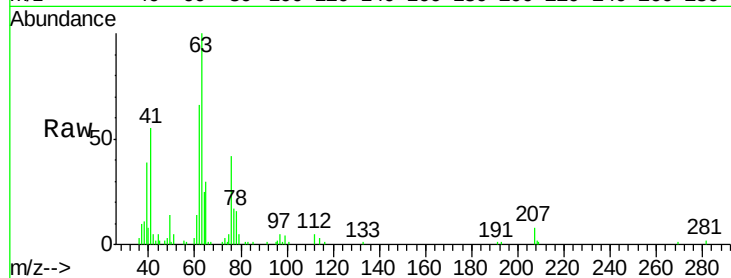
#45
 1,2-Dichloropropane
 Concen: 5.297 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.4	36.6

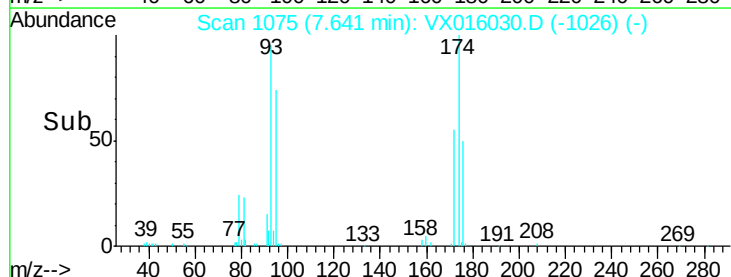
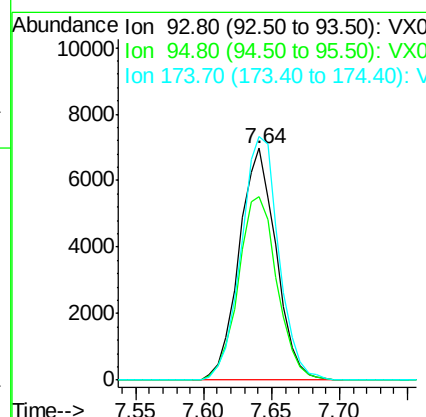
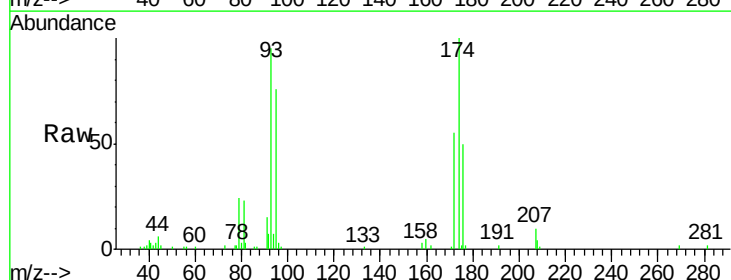
Manual Integrations
 APPROVED

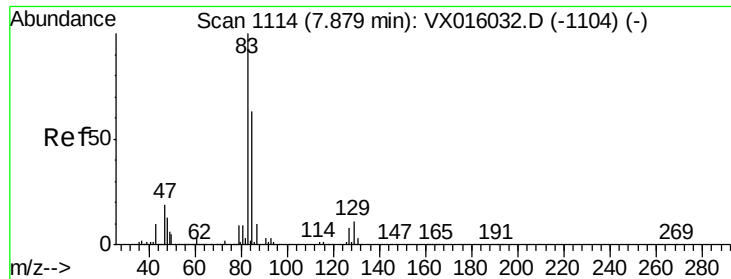
MMDadoda
 5/5/2020 11:35:18 AM



#46
 Dibromomethane
 Concen: 5.128 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.6	100.0
174	106.7	84.2	126.4





#47

Bromodichloromethane

Concen: 5.241 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

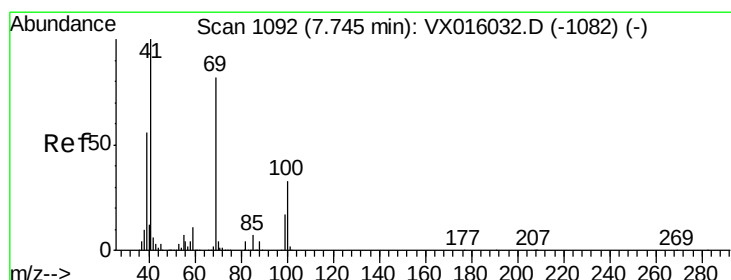
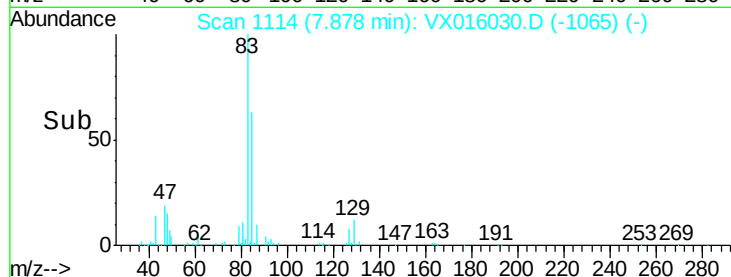
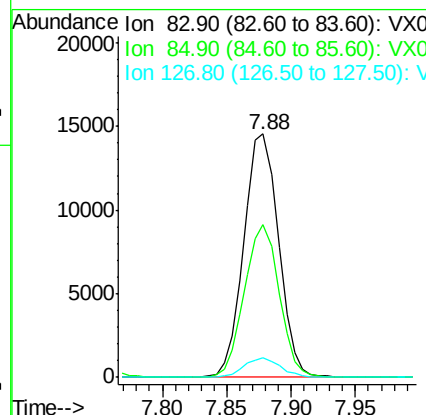
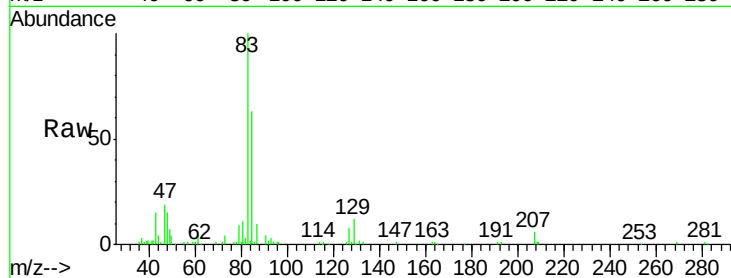
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	27219
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.5	75.7
127	8.2	6.7	10.1

Manual Integrations
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MMDadoda
5/5/2020 11:35:18 AM



#48

Methyl methacrylate

Concen: 5.059 ug/l

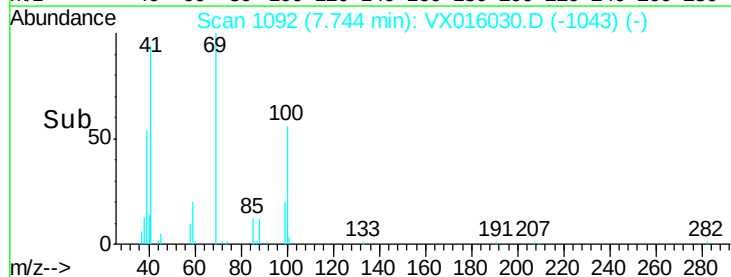
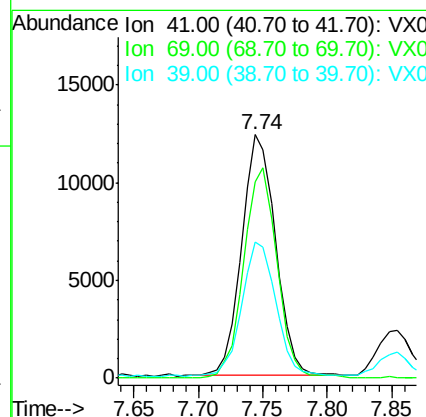
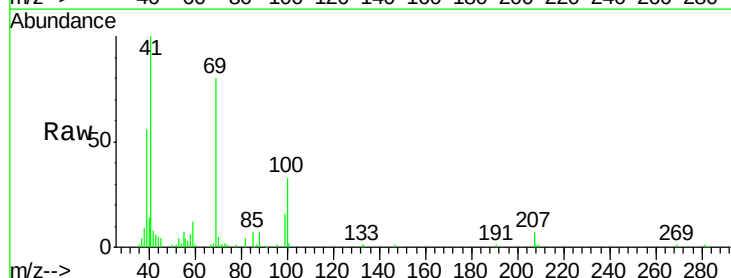
RT: 7.74 min Scan# 1092

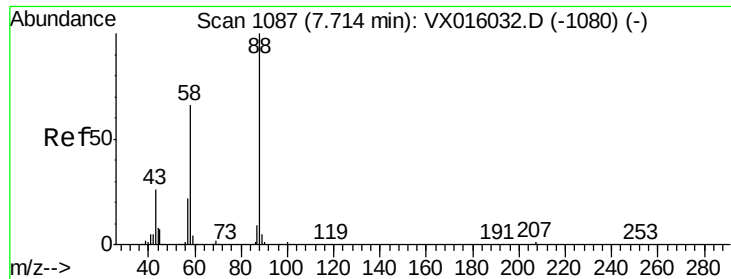
Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion:	41	Resp:	22324
Ion	Ratio	Lower	Upper
41	100		
69	86.7	67.8	101.6
39	57.4	44.6	67.0





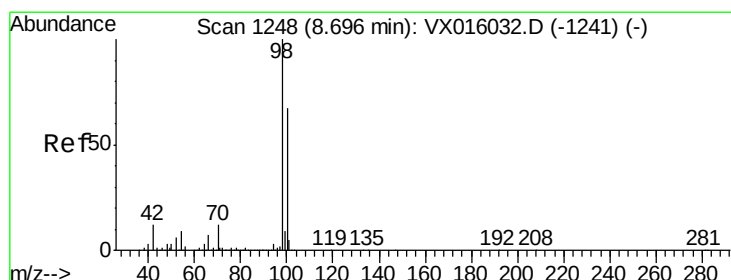
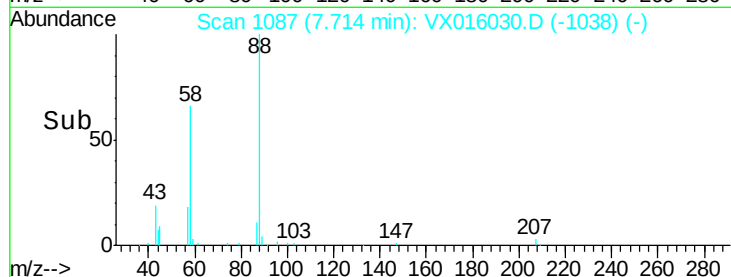
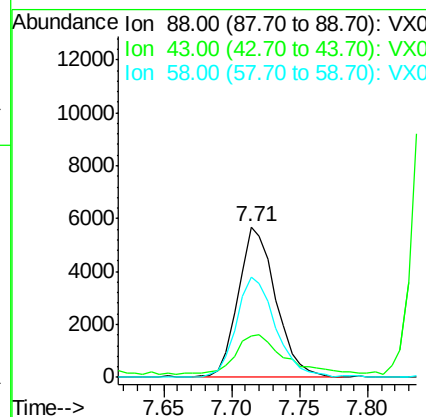
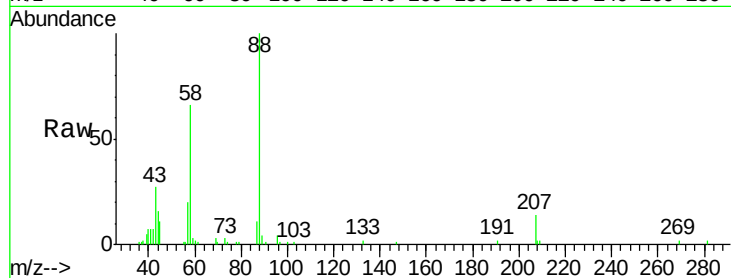
#49
1,4-Dioxane
Concen: 102.737 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.3	37.9
58	69.4	55.9	83.9

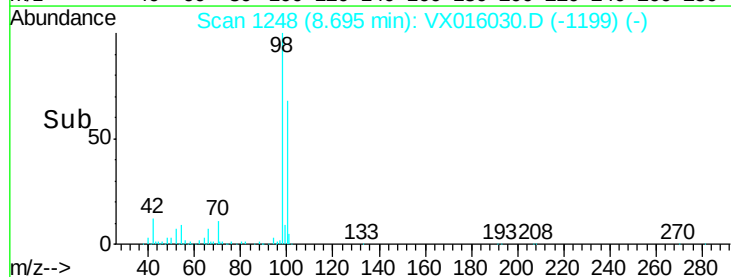
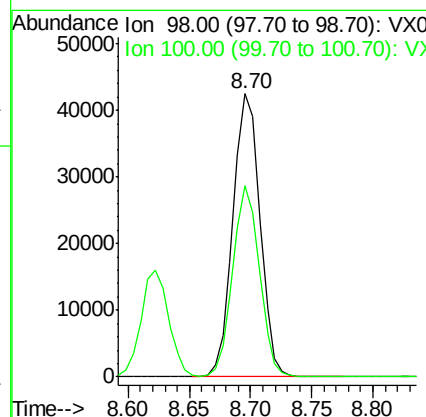
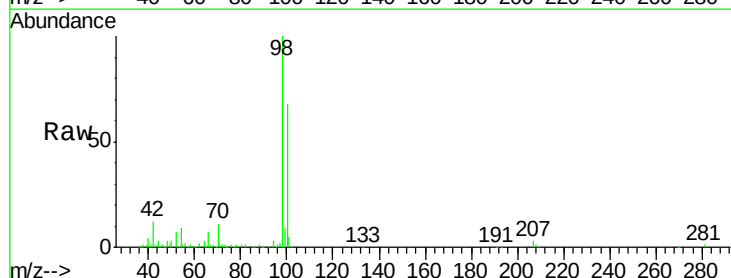
Manual Integrations
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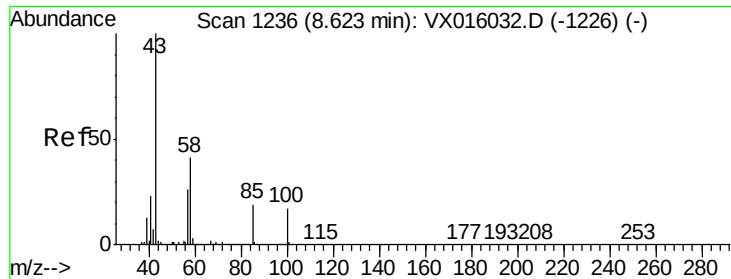
MMDadoda
5/5/2020 11:35:18 AM



#50
Toluene-d8
Concen: 4.764 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5





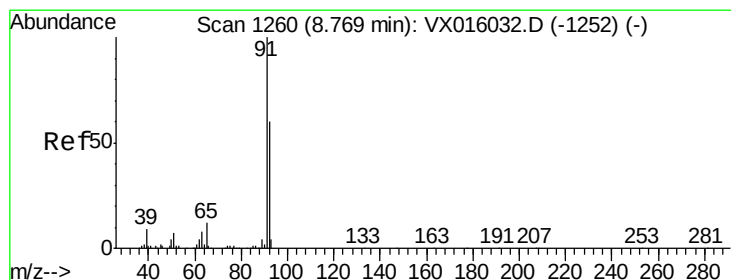
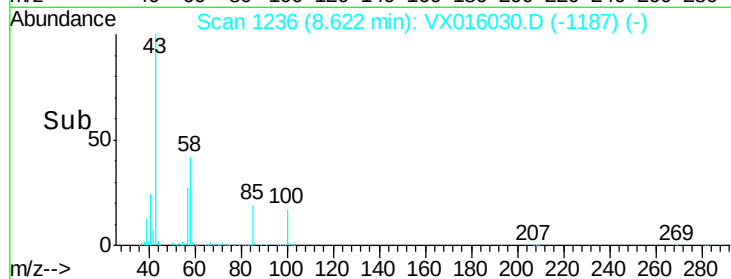
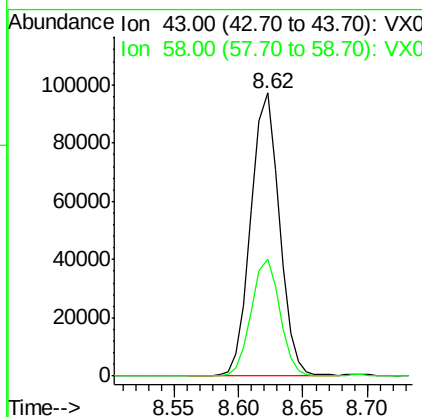
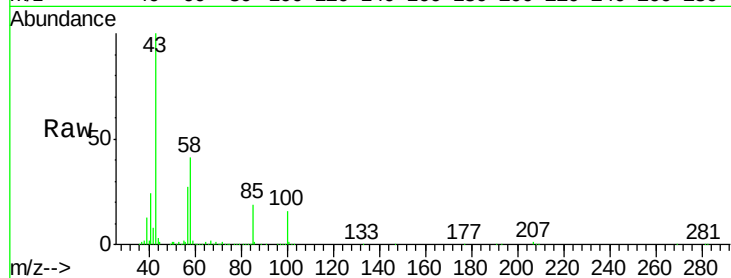
#51
4-Methyl-2-Pentanone
Concen: 25.987 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	43	Resp	148387
Ion	Ratio	Lower	Upper
43	100		
58	41.5	33.0	49.4

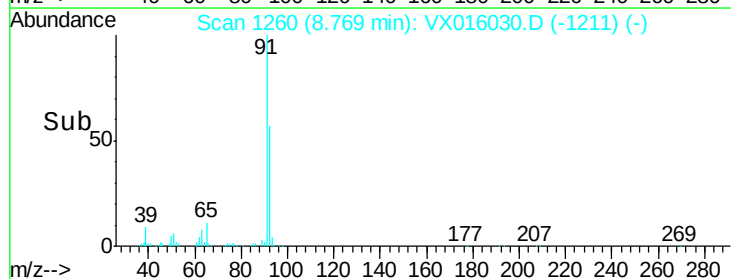
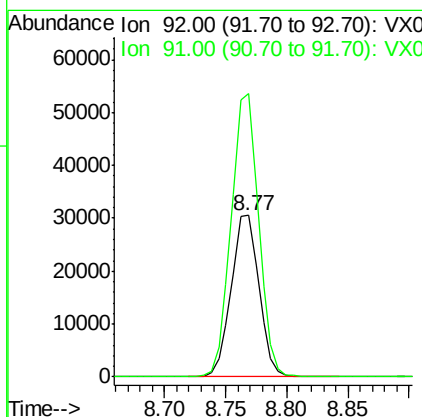
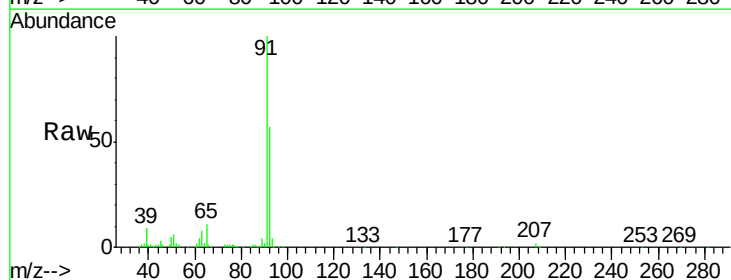
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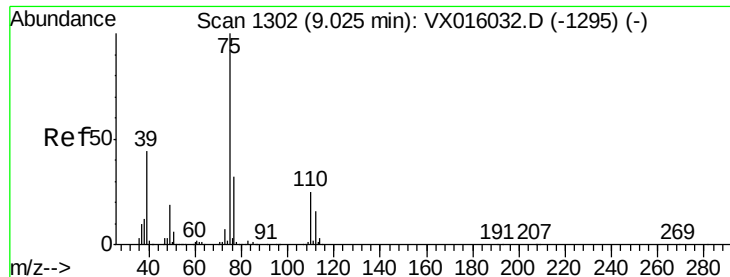
MMDadoda
5/5/2020 11:35:18 AM



#52
Toluene
Concen: 5.149 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	92	Resp	48054
Ion	Ratio	Lower	Upper
92	100		
91	172.9	134.5	201.7





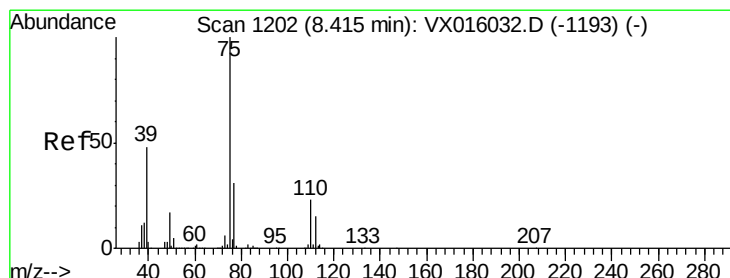
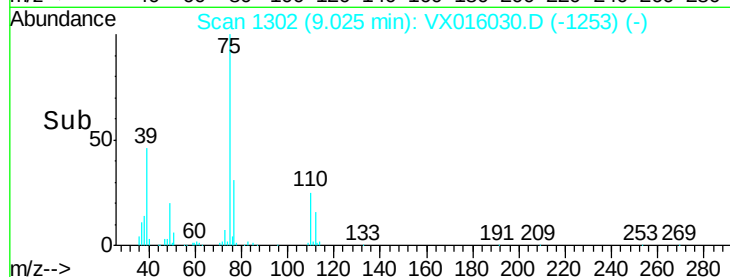
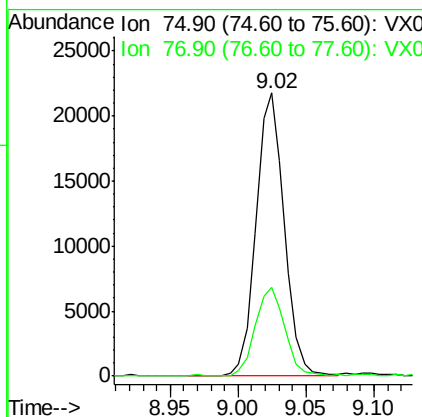
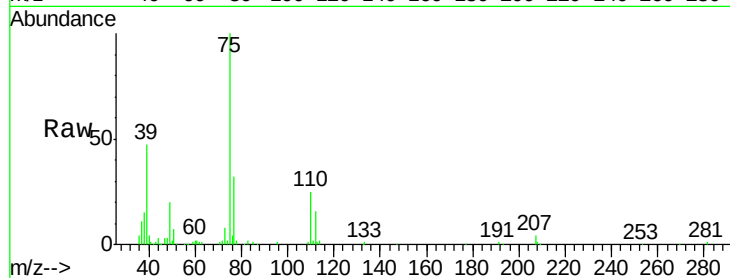
#53
 t-1,3-Dichloropropene
 Concen: 5.114 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5

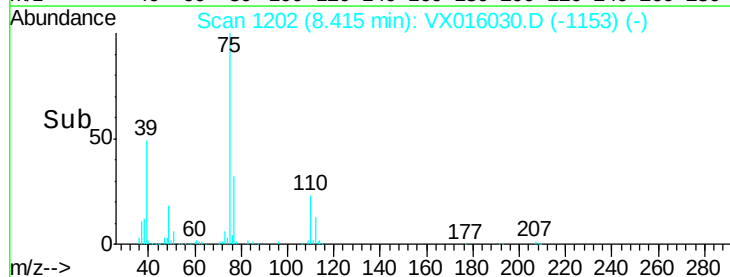
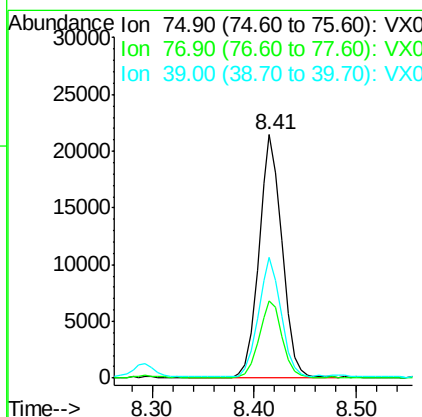
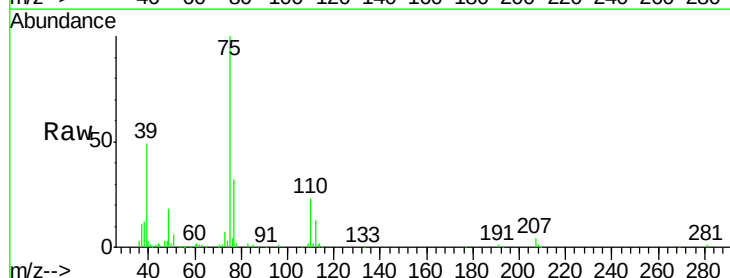
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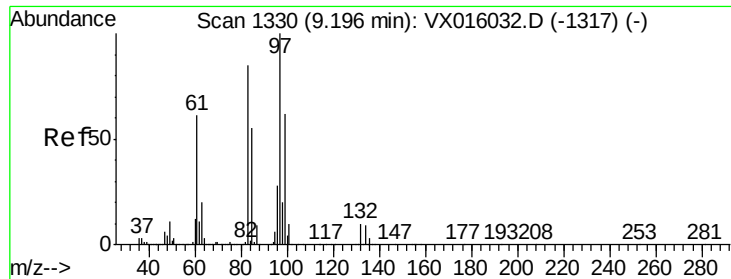
MMDadoda
 5/5/2020 11:35:18 AM



#54
 cis-1,3-Dichloropropene
 Concen: 5.220 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1
39	48.9	38.7	58.1





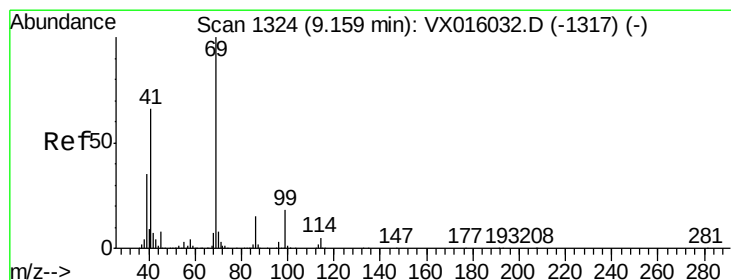
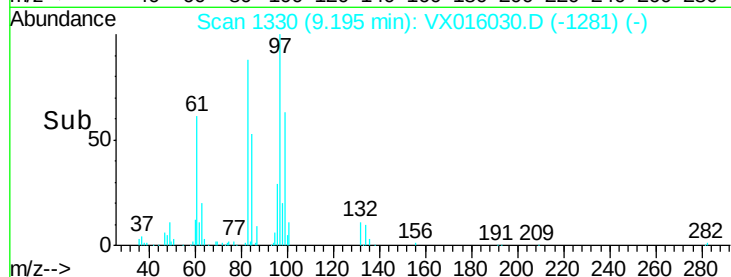
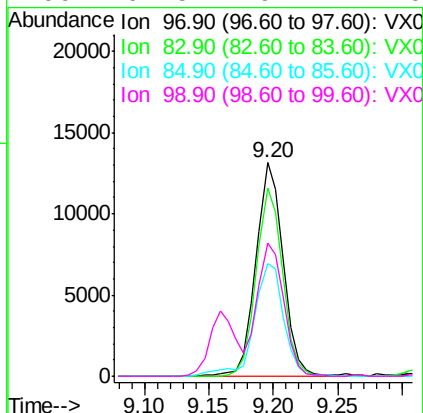
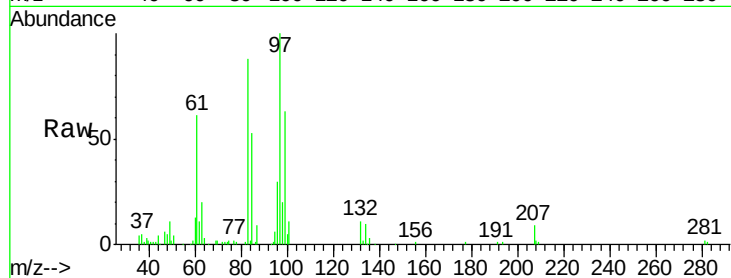
#55
 1,1,2-Trichloroethane
 Concen: 5.244 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	19124
Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.8	101.8
85	52.9	43.8	65.8
99	62.5	49.4	74.0

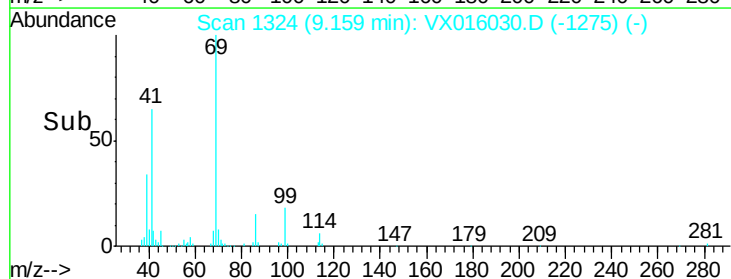
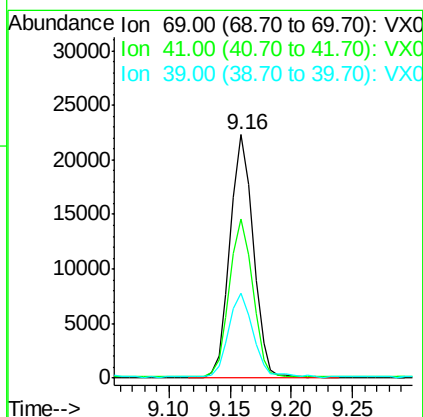
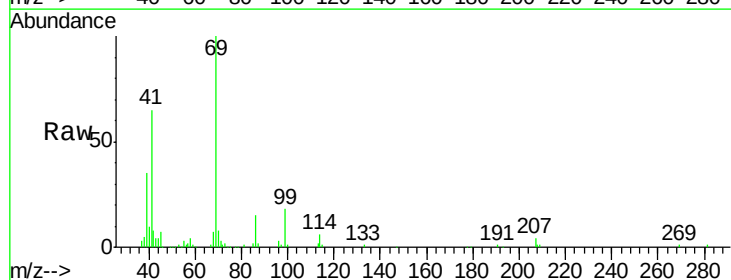
Manual Integrations
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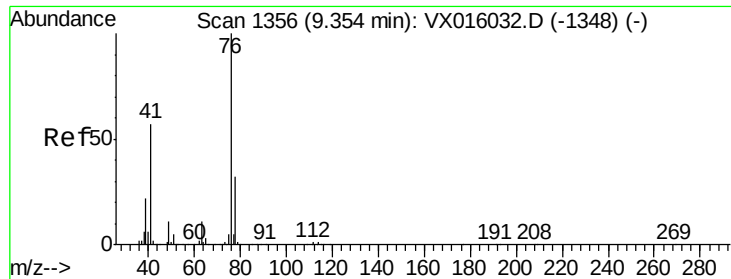
MMDadoda
 5/5/2020 11:35:18 AM



#56
 Ethyl methacrylate
 Concen: 5.124 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Tgt Ion:	69	Resp:	29562
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.2	78.4
39	36.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 5.208 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 76 Resp: 33474

Ion Ratio Lower Upper

76 100

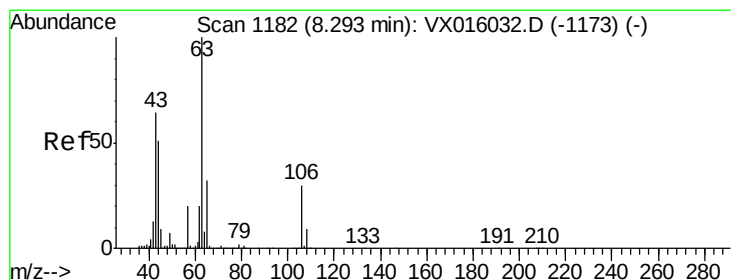
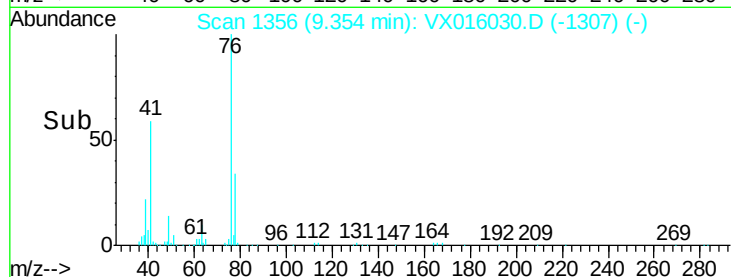
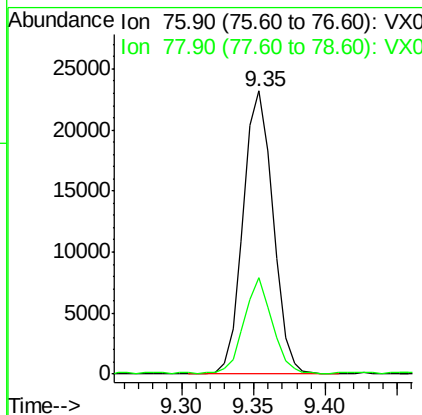
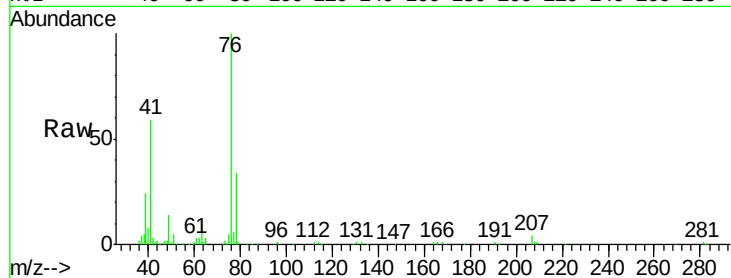
78 31.5 25.9 38.9

Manual Integrations

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MMDadoda

5/5/2020 11:35:18 AM



#58

2-Chloroethyl Vinyl ether

Concen: 25.041 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016030.D

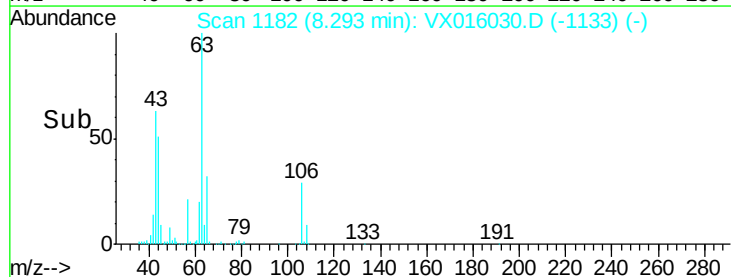
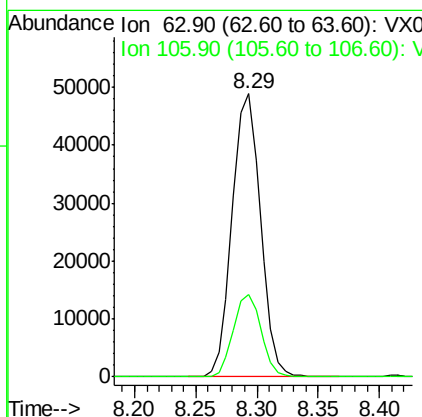
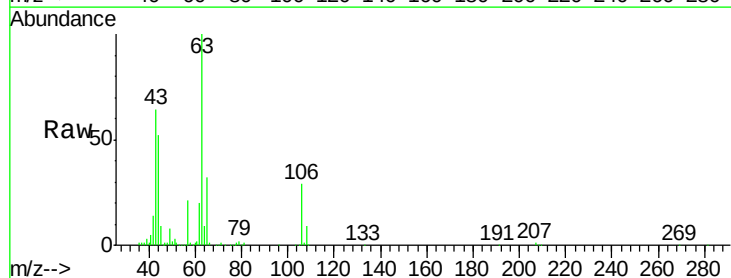
Acq: 04 May 2020 12:02

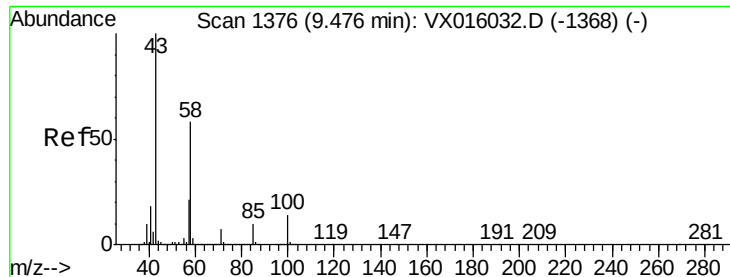
Tgt Ion: 63 Resp: 78704

Ion Ratio Lower Upper

63 100

106 28.6 23.4 35.2





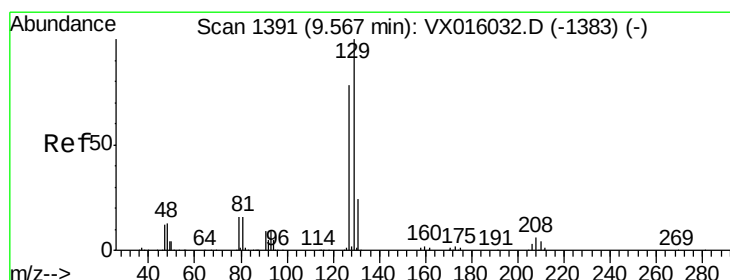
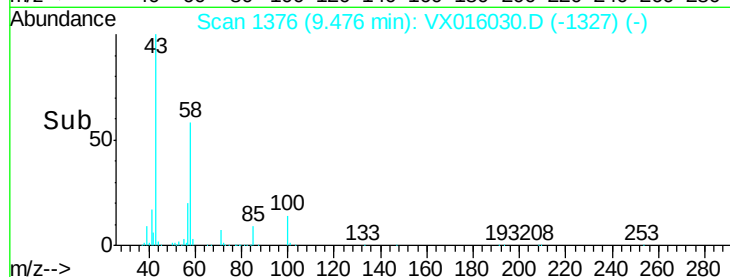
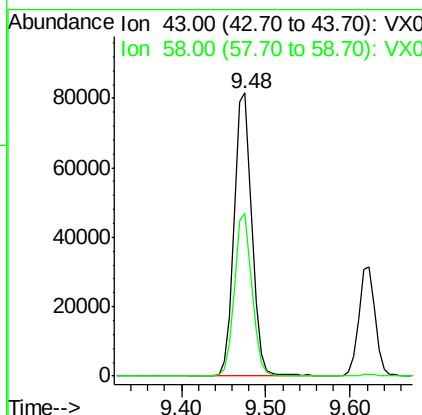
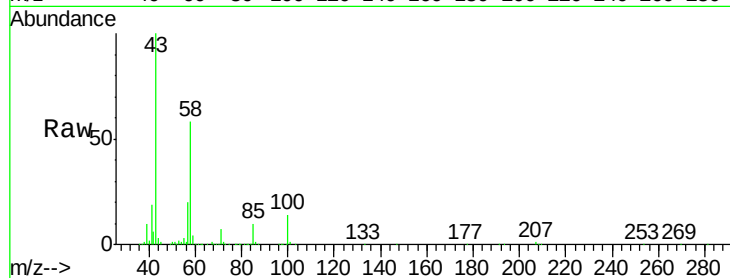
#59
2-Hexanone
Concen: 25.927 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.9	28.6	85.9

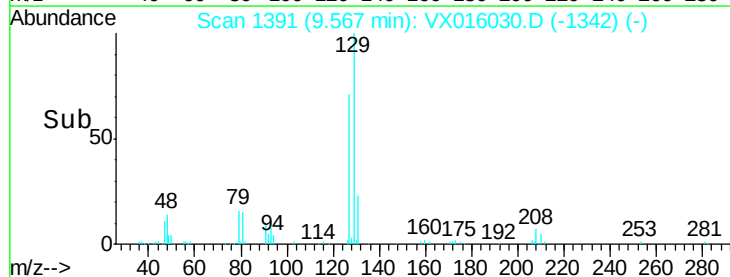
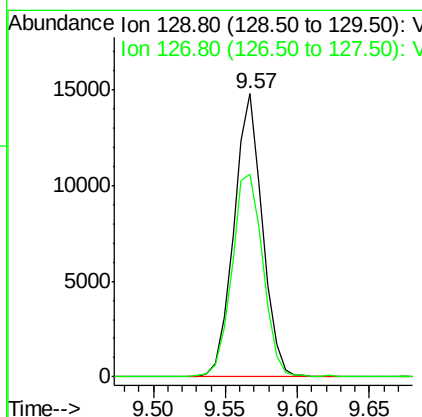
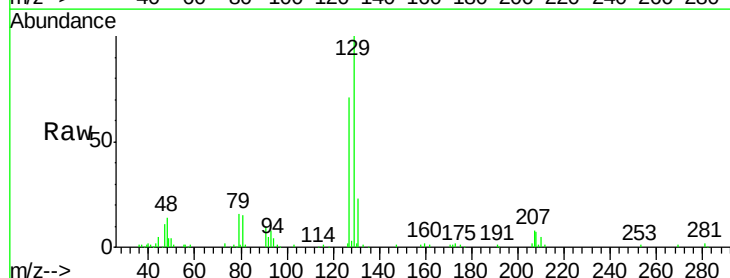
Manual Integrations
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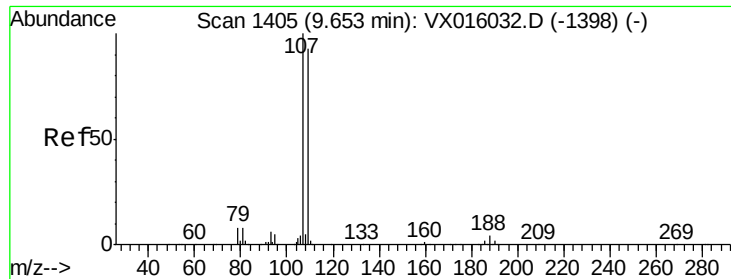
MMDadoda
5/5/2020 11:35:18 AM



#60
Dibromochloromethane
Concen: 5.190 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.4	115.2





#61

1,2-Dibromoethane

Concen: 5.249 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 20701

Ion Ratio Lower Upper

107 100

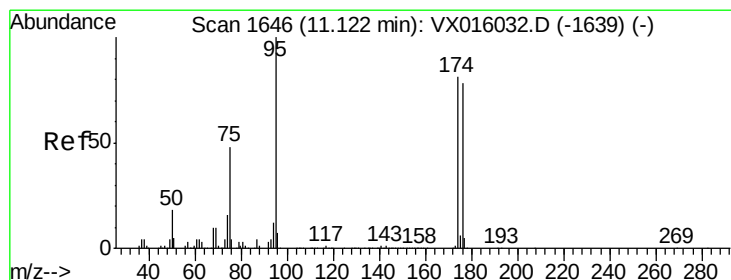
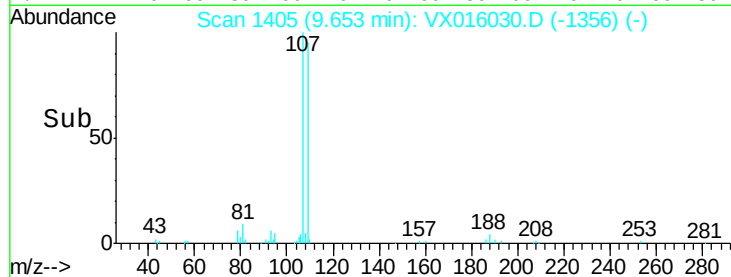
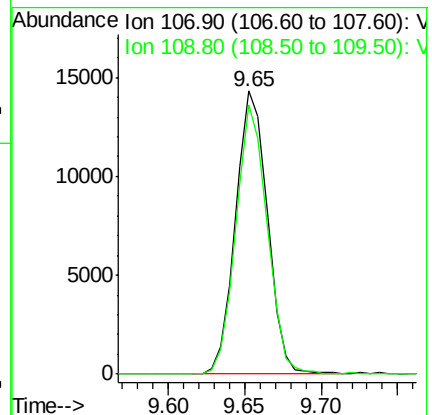
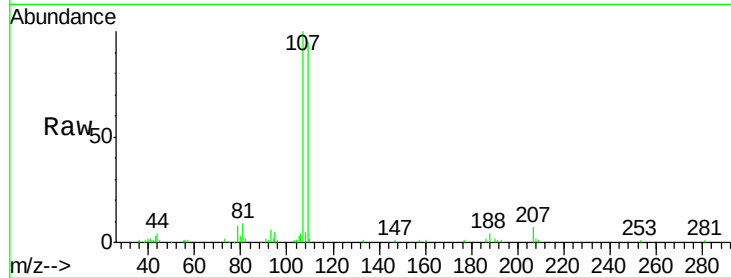
109 93.1 74.9 112.3

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#62

4-Bromofluorobenzene

Concen: 4.782 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

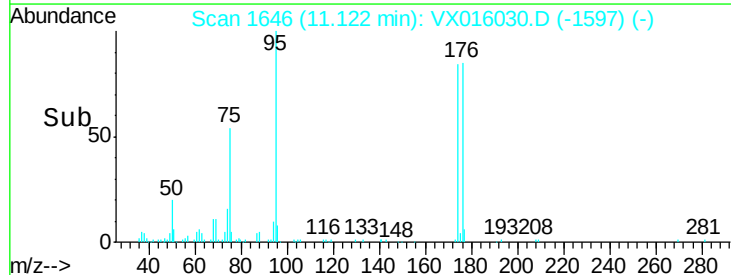
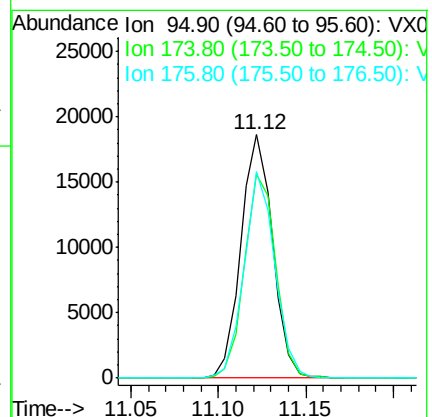
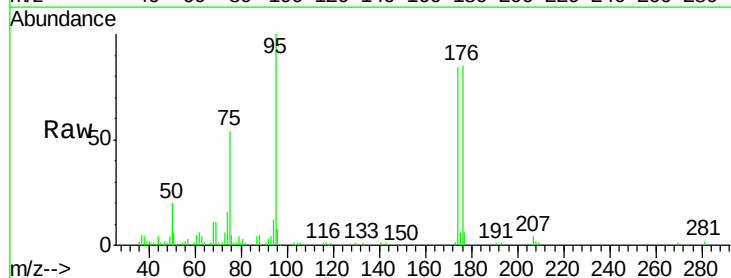
Tgt Ion: 95 Resp: 23444

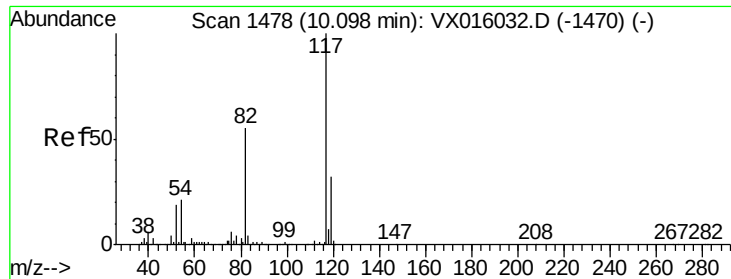
Ion Ratio Lower Upper

95 100

174 83.0 0.0 159.4

176 82.5 0.0 157.6





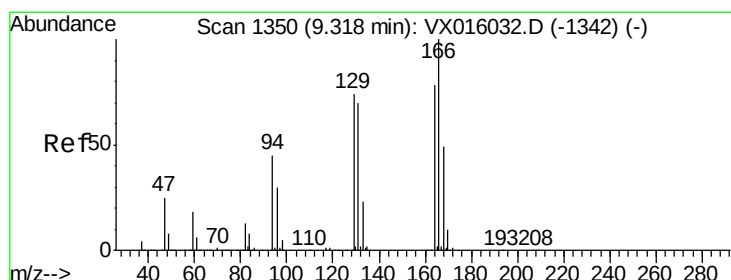
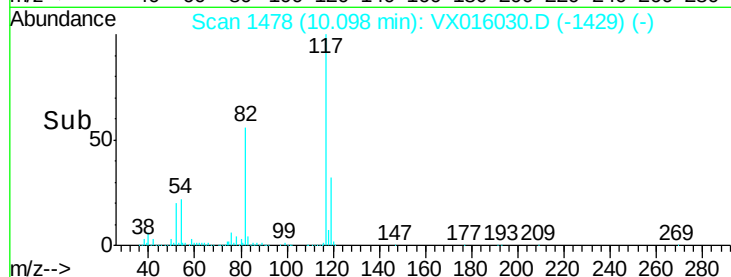
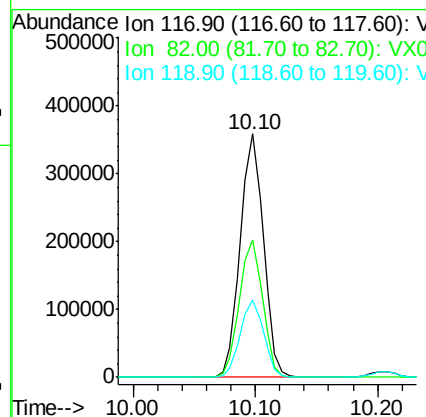
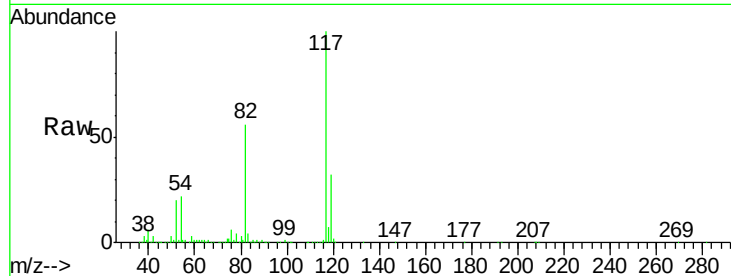
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.4	66.6
119	31.8	25.5	38.3

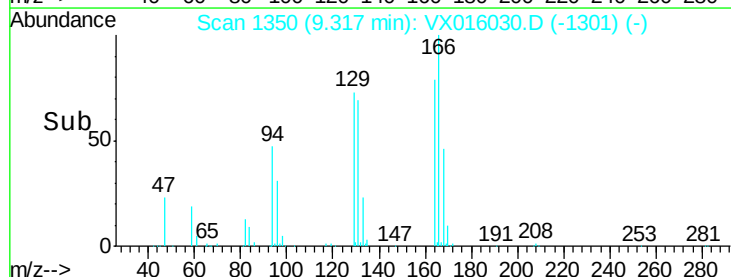
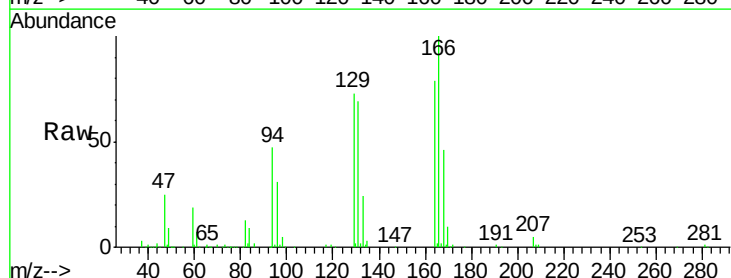
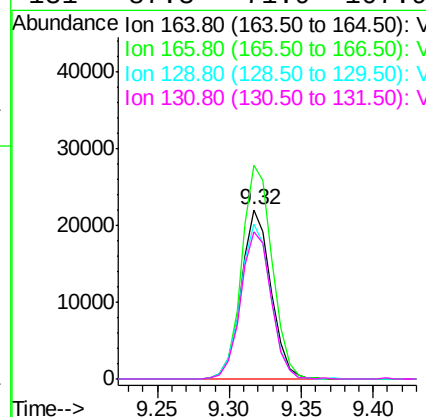
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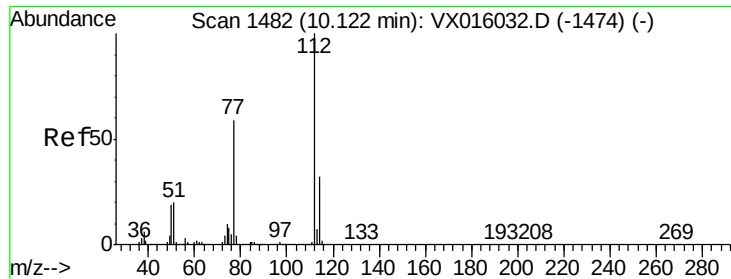
MMDadoda
5/5/2020 11:35:18 AM



#64
Tetrachloroethene
Concen: 5.269 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.9	154.3
129	91.7	76.1	114.1
131	87.3	71.9	107.9





#65

Chlorobenzene

Concen: 5.220 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 52029

Ion Ratio Lower Upper

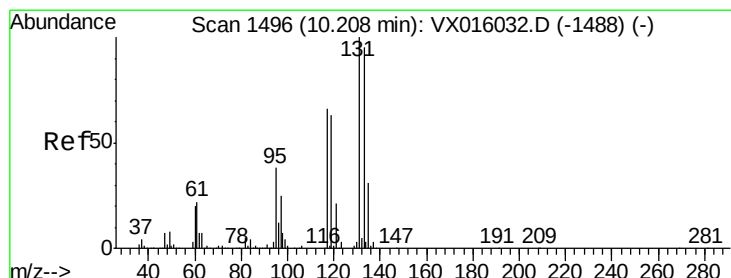
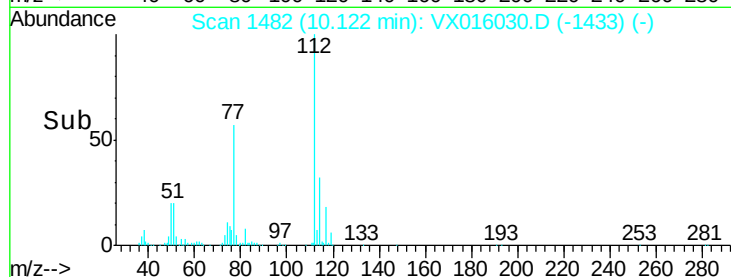
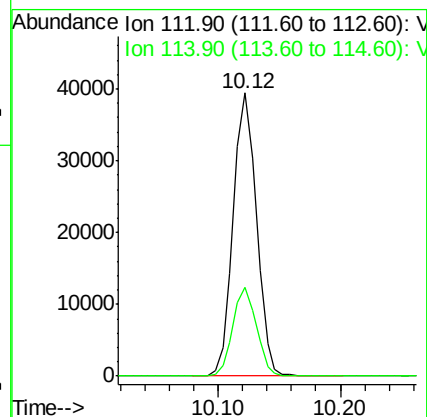
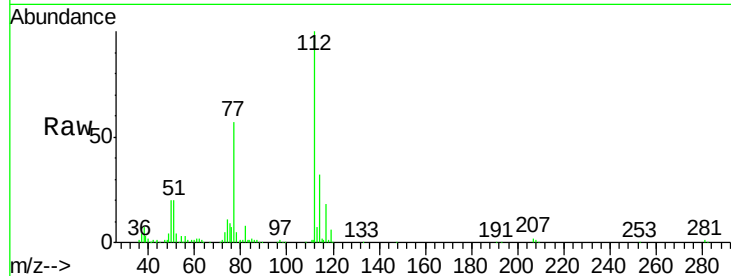
112 100

114 31.5 25.7 38.5

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5/5/2020 11:35:18 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 5.248 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

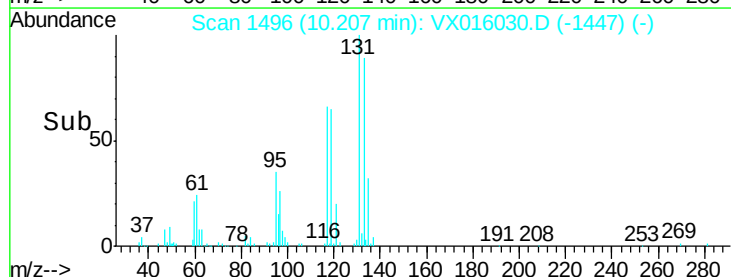
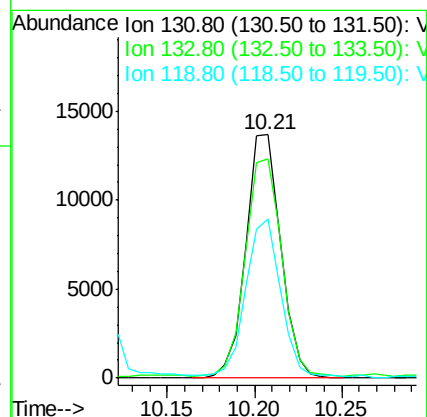
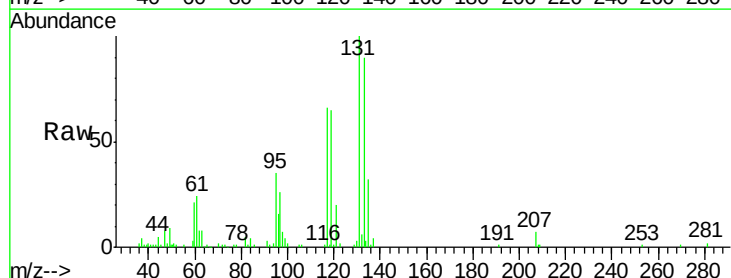
Tgt Ion:131 Resp: 19031

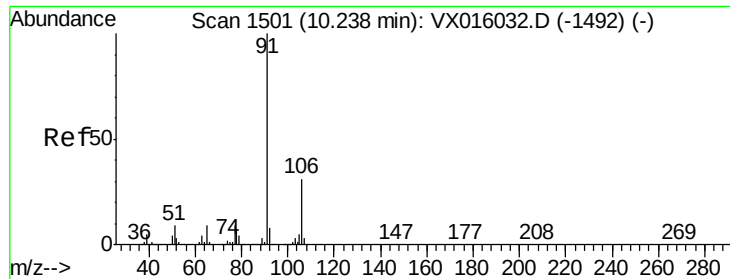
Ion Ratio Lower Upper

131 100

133 92.8 48.3 144.8

119 64.7 32.3 96.9





#67

Ethyl Benzene

Concen: 5.217 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 92488

Ion Ratio Lower Upper

91 100

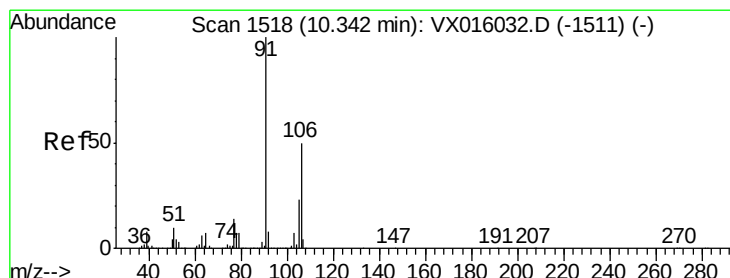
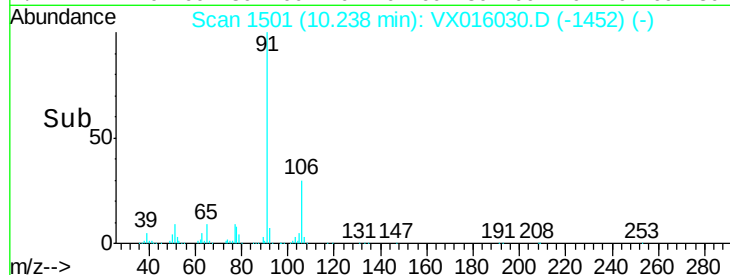
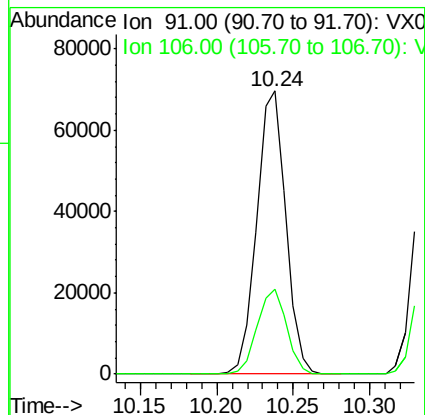
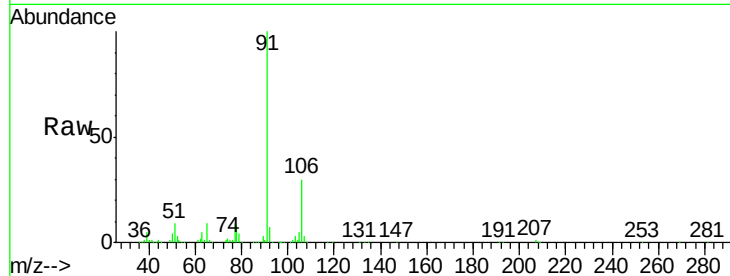
106 30.2 25.1 37.7

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#68

m/p-Xylenes

Concen: 10.325 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016030.D

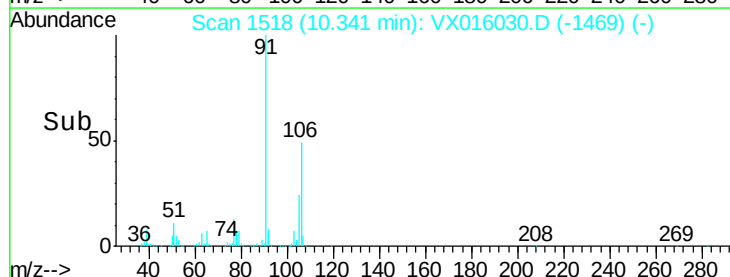
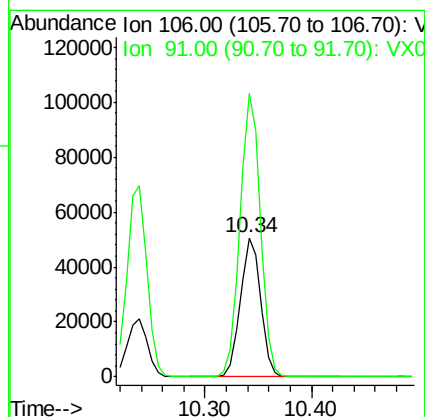
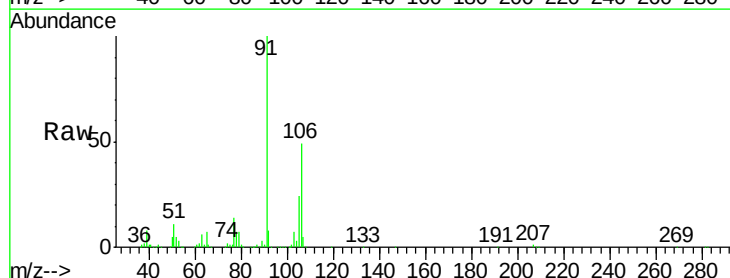
Acq: 04 May 2020 12:02

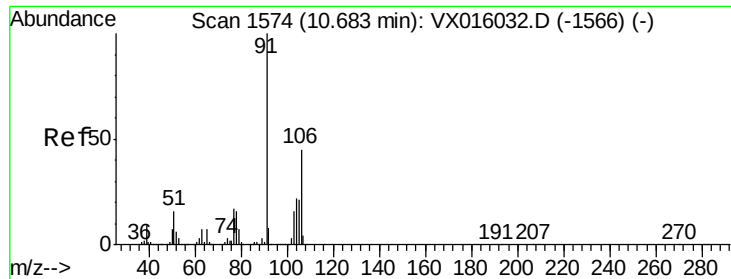
Tgt Ion: 106 Resp: 67990

Ion Ratio Lower Upper

106 100

91 204.9 161.7 242.5





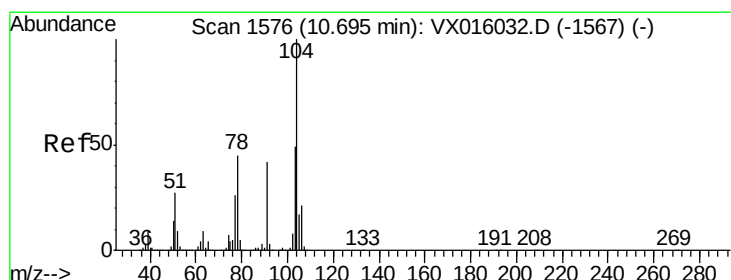
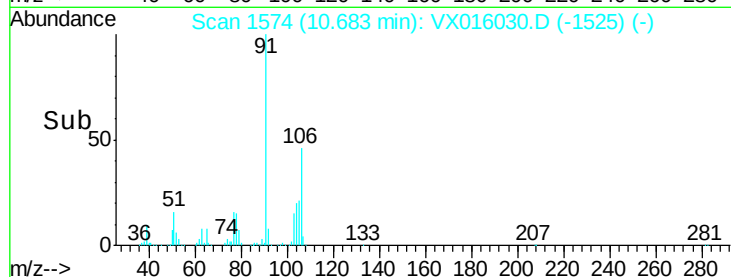
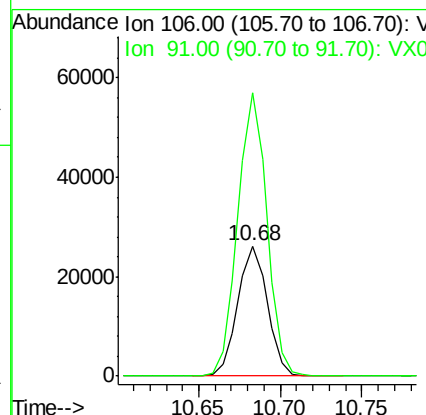
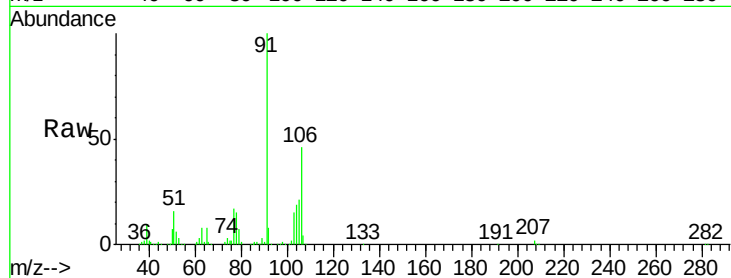
#69
o-Xylene
Concen: 5.282 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	212.6	107.5	322.6

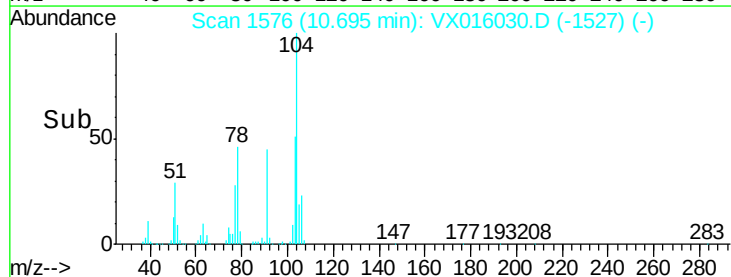
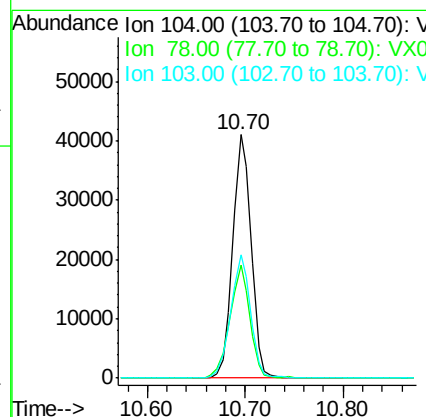
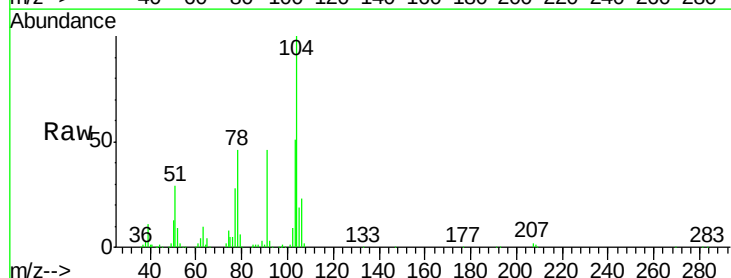
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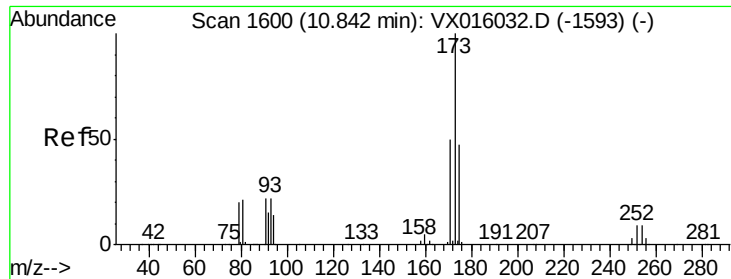
MMDadoda
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#70
Styrene
Concen: 5.133 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	49.6	40.2	60.2
103	103	54.7	43.0	64.6





#71

Bromoform

Concen: 5.108 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

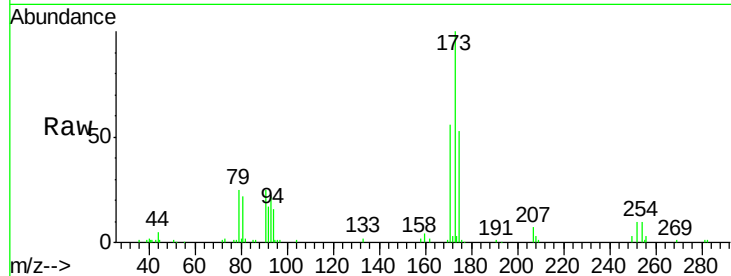
ClientSampleId :

VSTDIC005

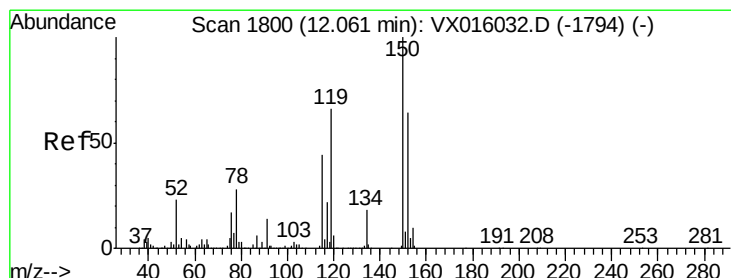
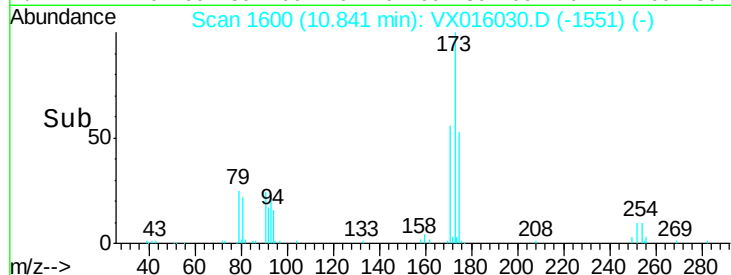
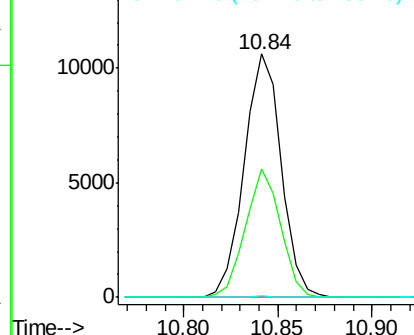
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.0	72.0
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

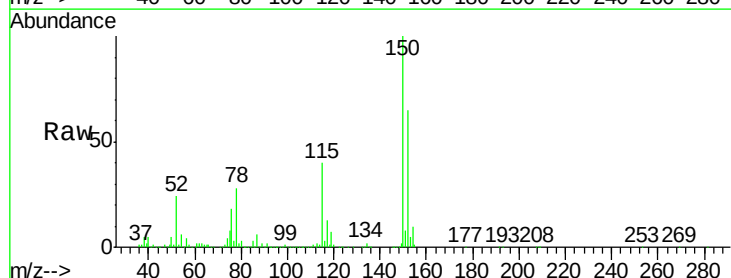
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

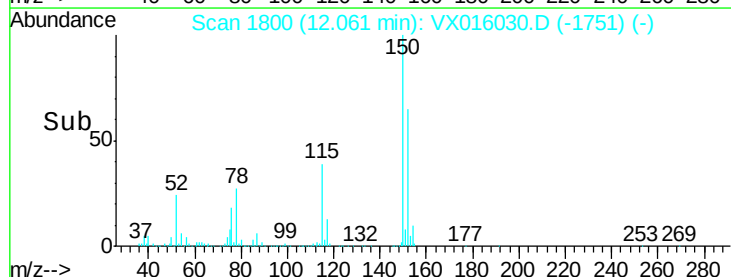
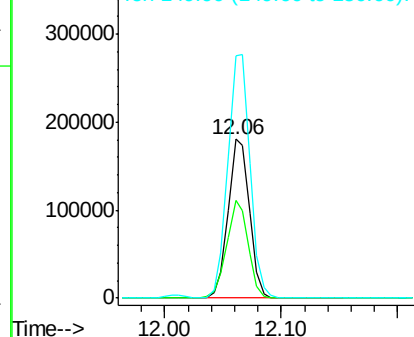
Lab File: VX016030.D

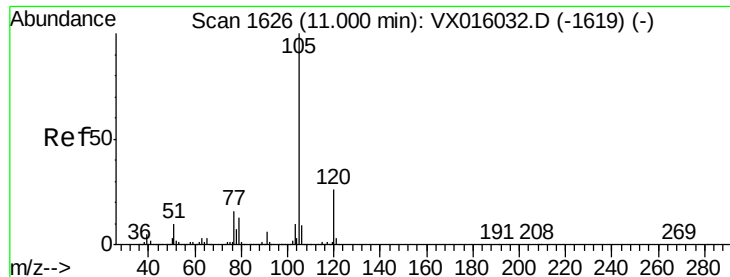
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	41.3	124.1
150	159.2	0.0	352.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.323 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 90050

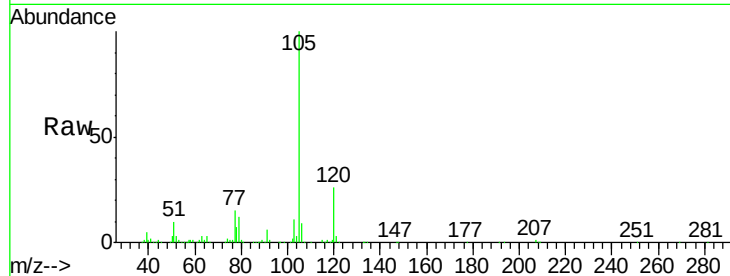
Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

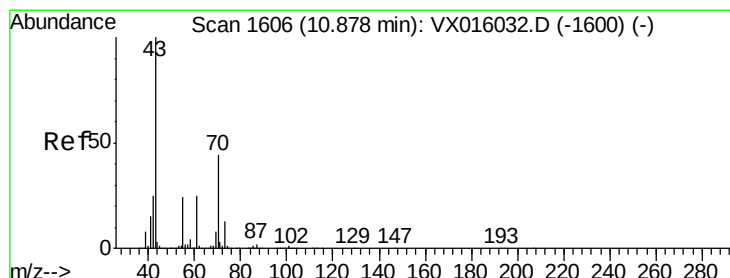
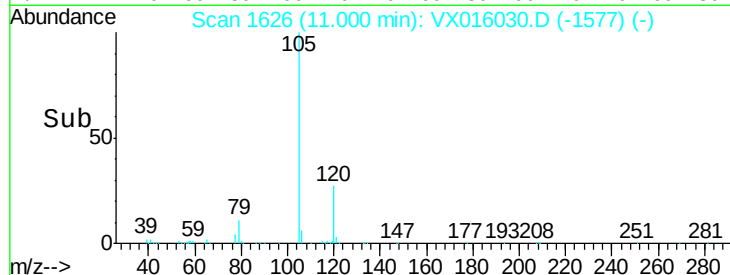
40000

20000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 5.201 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion: 43 Resp: 40242

Ion Ratio Lower Upper

43 100

70 44.6 36.5 54.7

55 25.4 19.7 29.5

61 24.9 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

50000

40000

30000

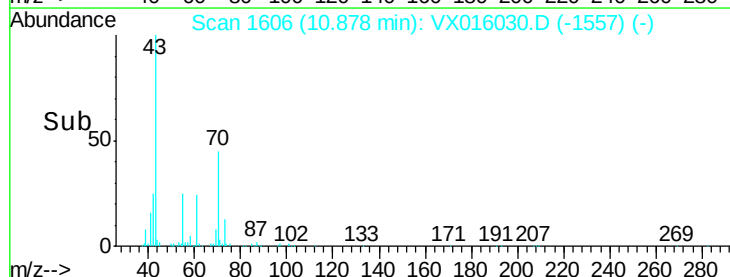
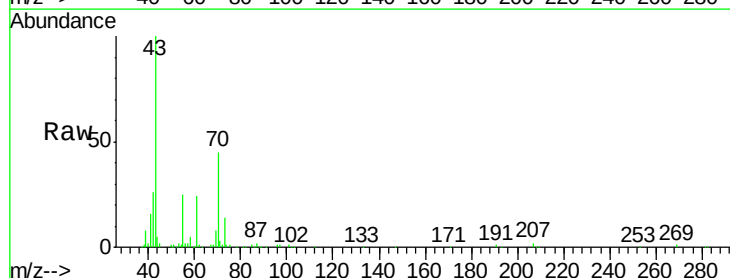
20000

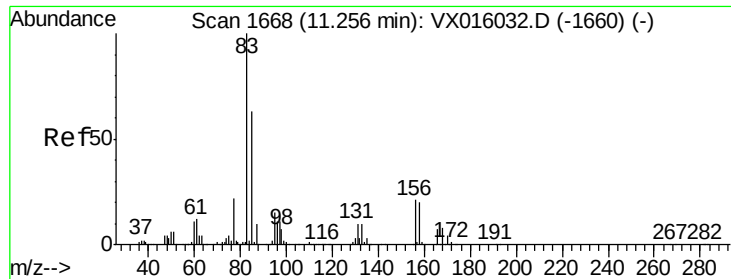
10000

0

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 4.768 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

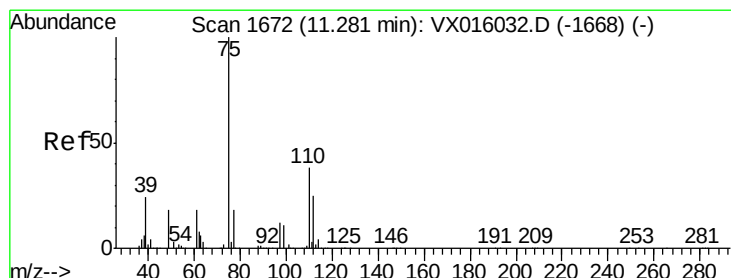
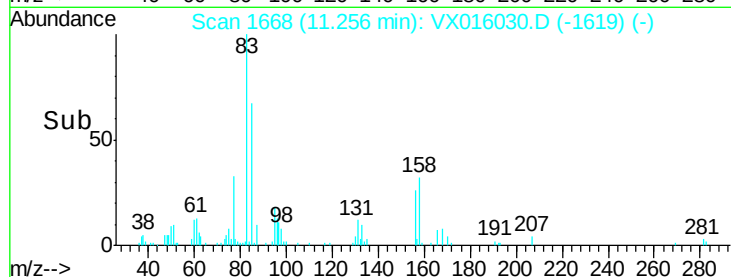
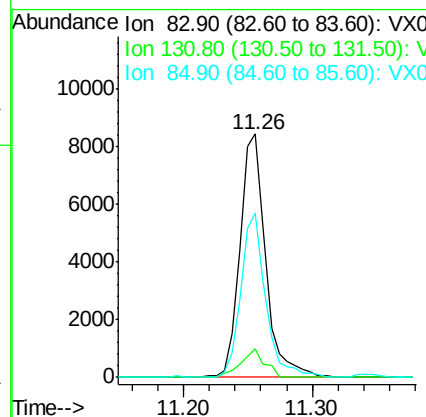
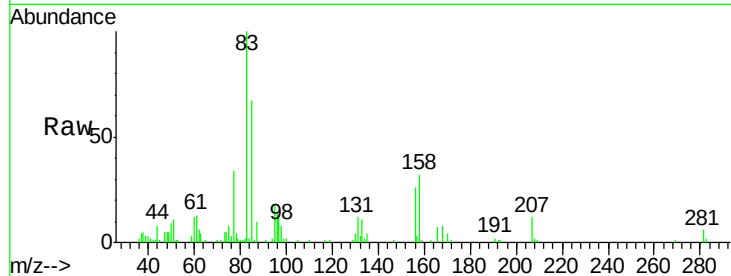
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	11772
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.4
85	65.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 4.216 ug/l m

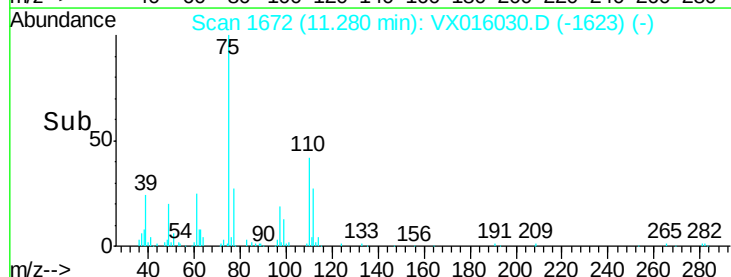
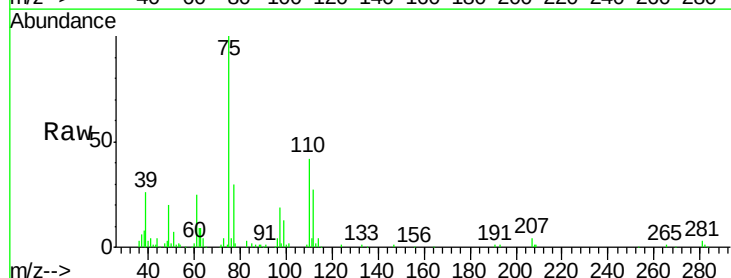
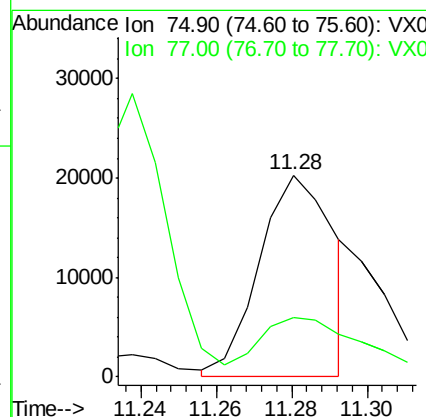
RT: 11.28 min Scan# 1672

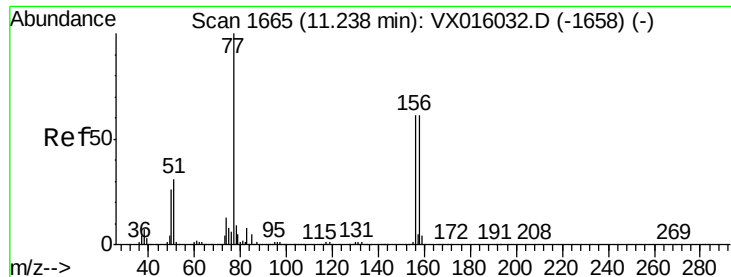
Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion:	75	Resp:	28056
Ion	Ratio	Lower	Upper
75	100		
77	40.6	21.2	63.6





#77

Bromobenzene

Concen: 5.113 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

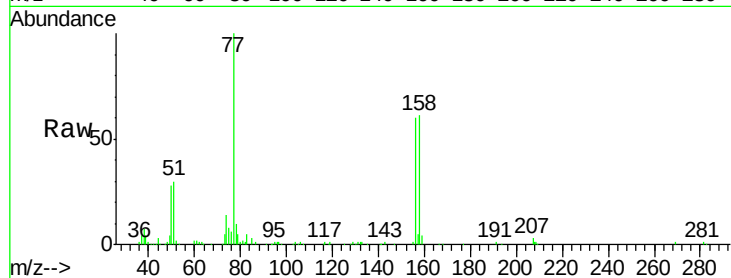
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	22353
Ion	Ratio	Lower	Upper
156	100		
77	162.5	80.1	240.3
158	101.4	49.4	148.2

Manual Integrations
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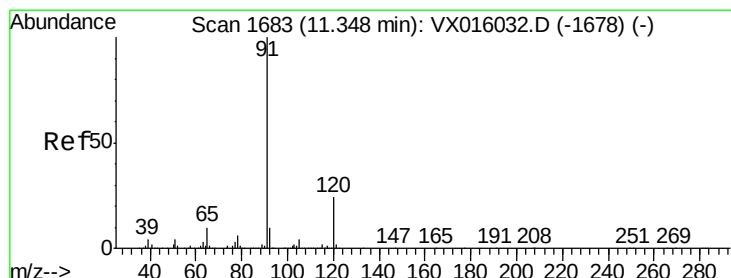
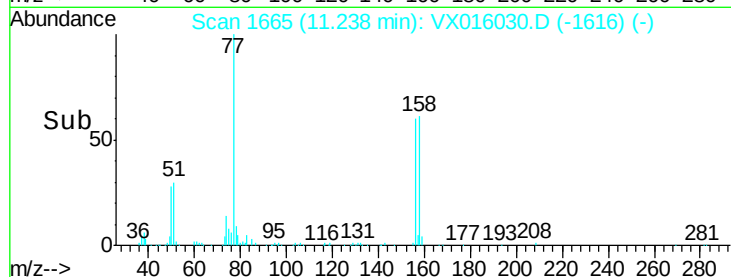
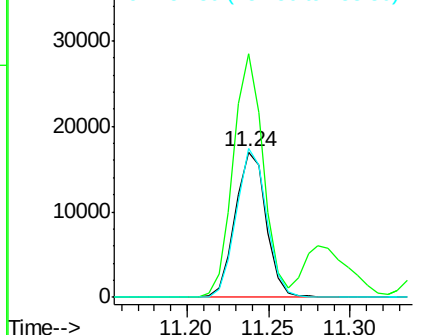
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.222 ug/l

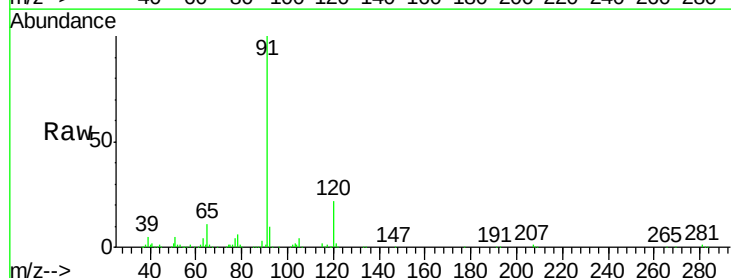
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016030.D

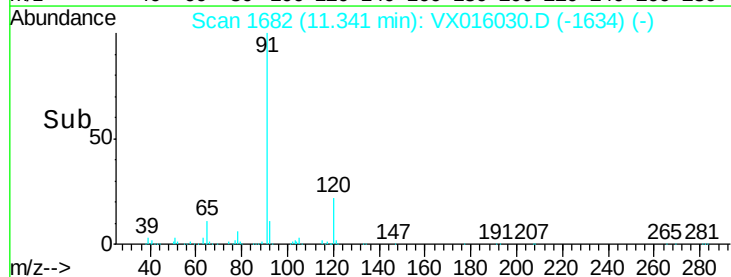
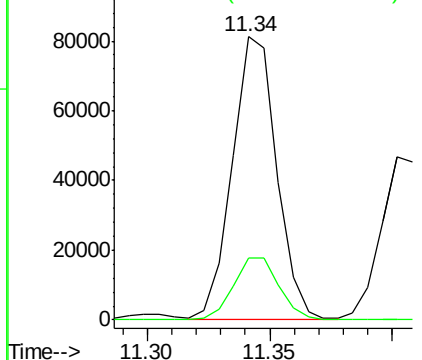
Acq: 04 May 2020 12:02

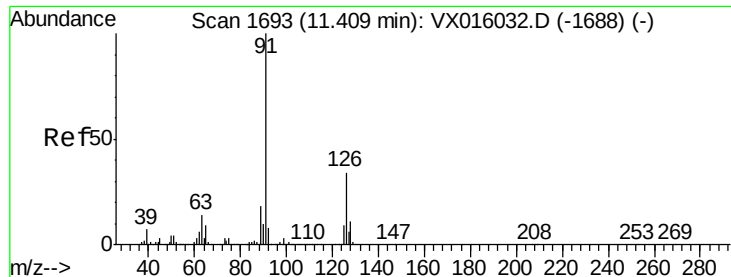
Tgt Ion:	91	Resp:	102485
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





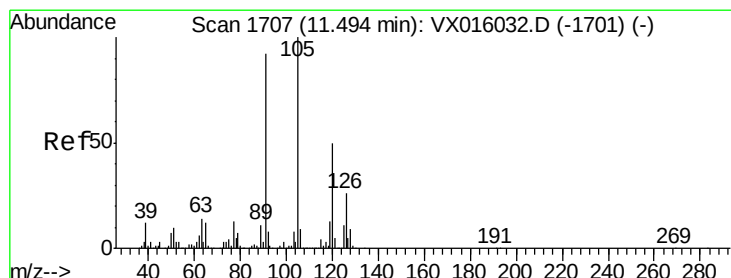
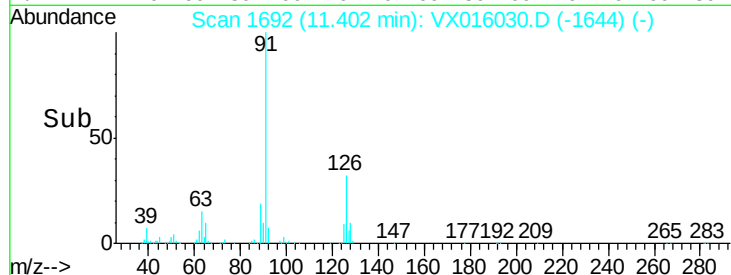
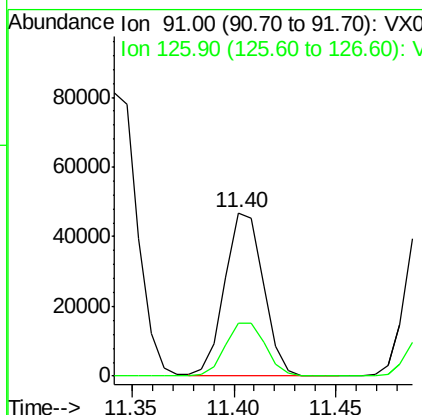
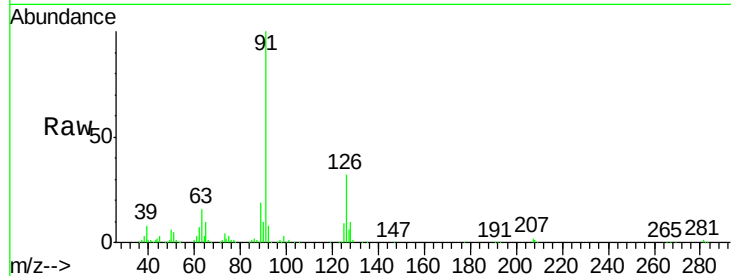
#79
 2-Chlorotoluene
 Concen: 5.309 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion: 91 Resp: 61627
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.6

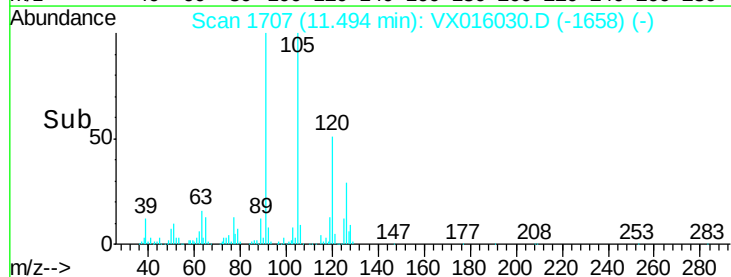
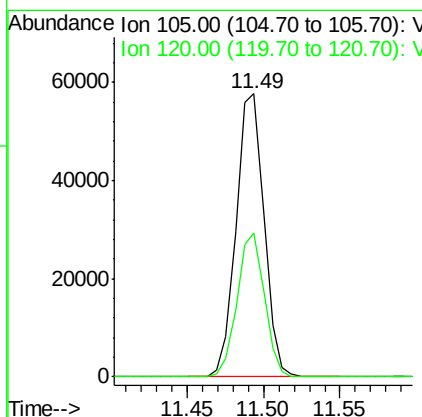
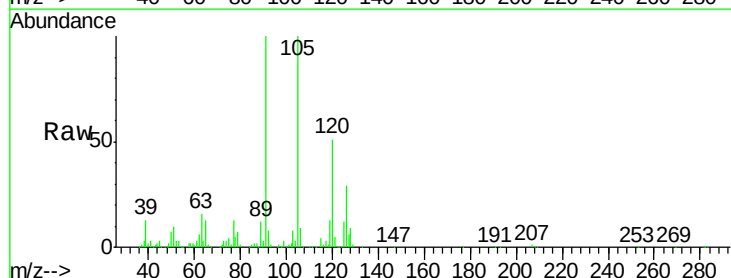
Manual Integrations
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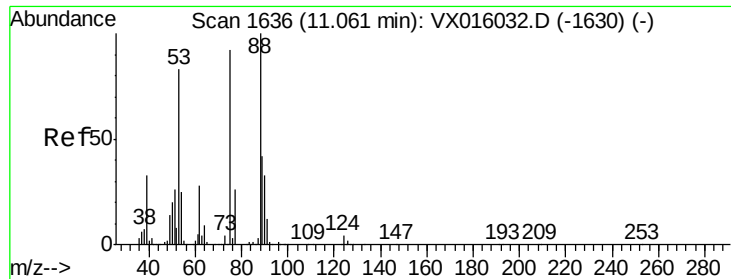
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 5.171 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Tgt Ion: 105 Resp: 72842
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 74.0





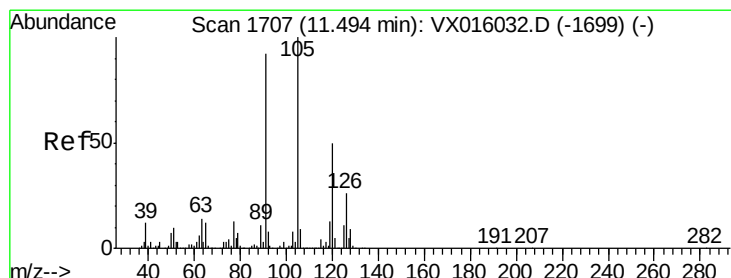
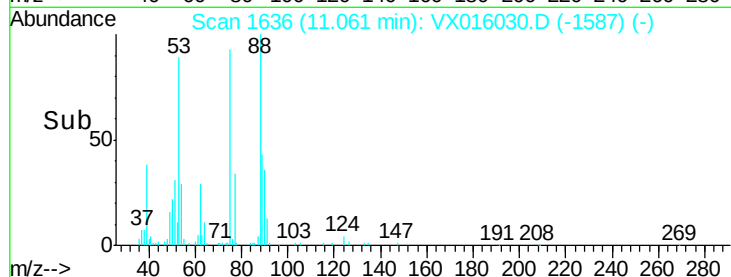
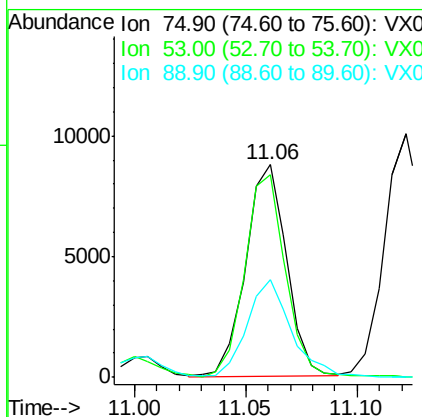
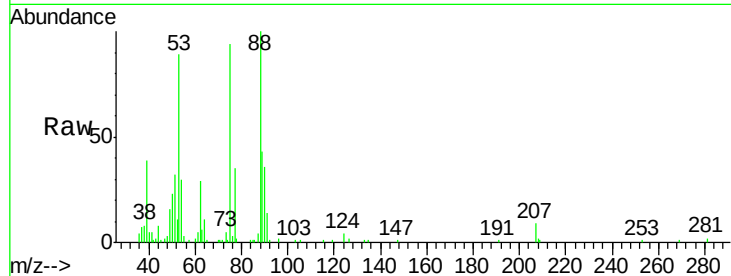
#81
trans-1,4-Dichloro-2-butene
Concen: 5.239 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	73.1	109.7
89	50.4	36.7	55.1

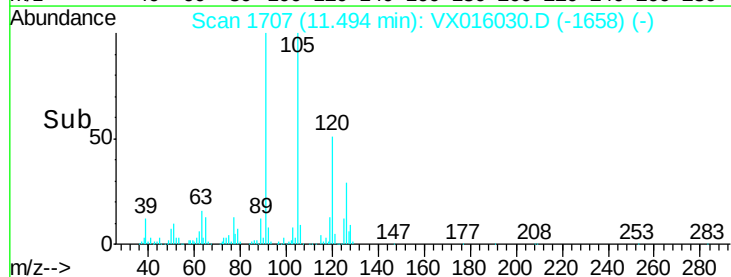
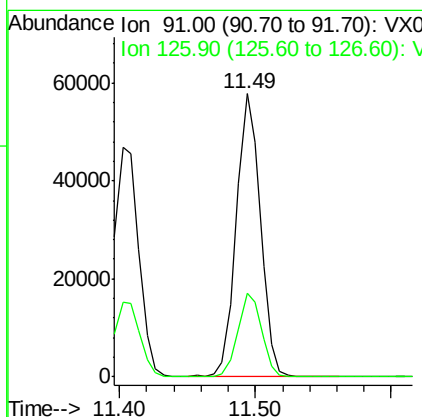
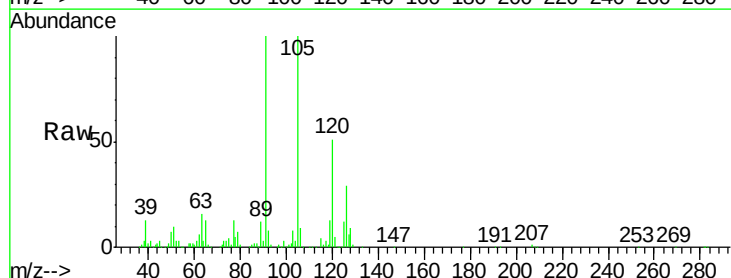
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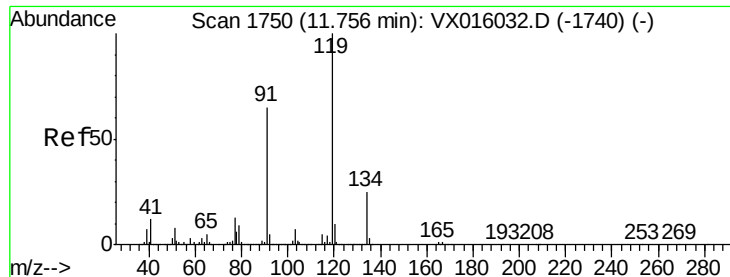
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#82
4-Chlorotoluene
Concen: 5.224 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.8	44.3





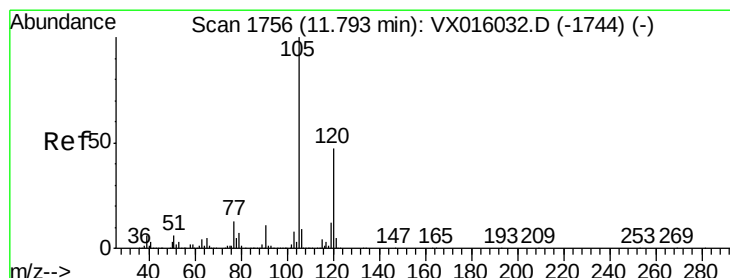
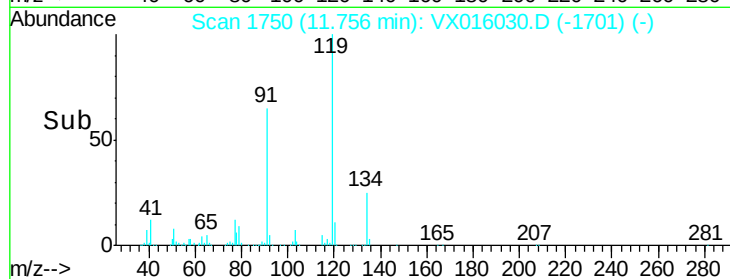
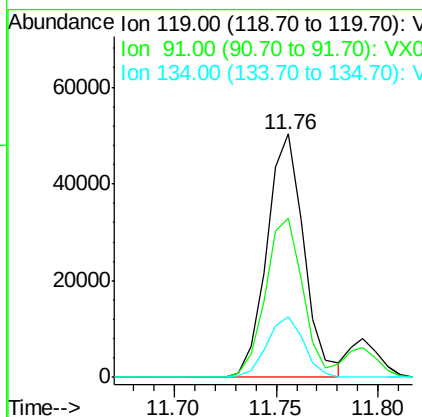
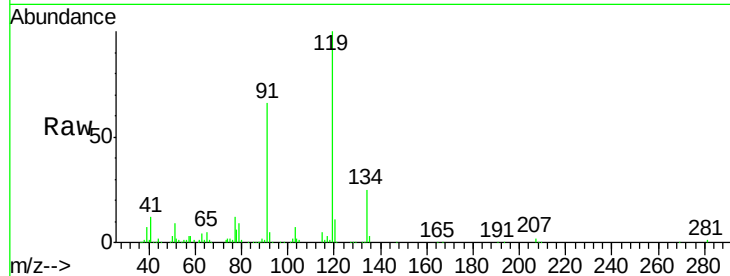
#83
 tert-Butylbenzene
 Concen: 5.244 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	63618		
91	66.0		32.8	98.4
134	24.7		12.4	37.0

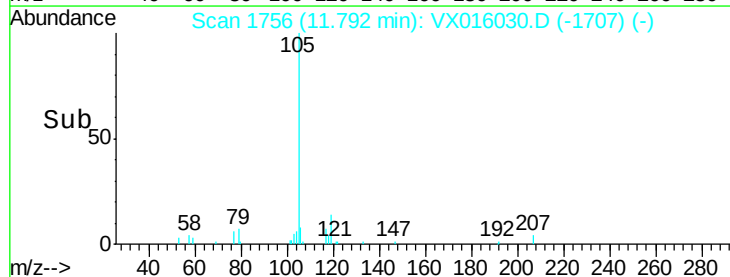
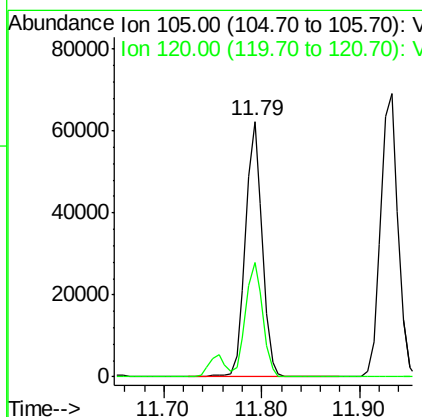
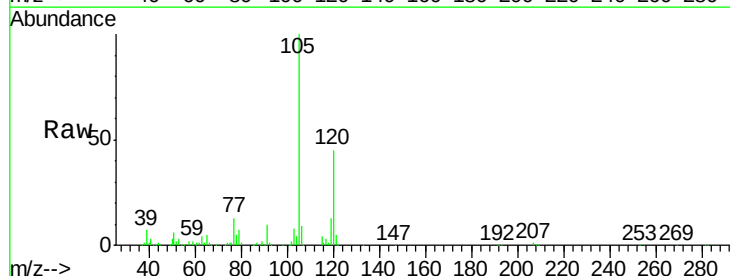
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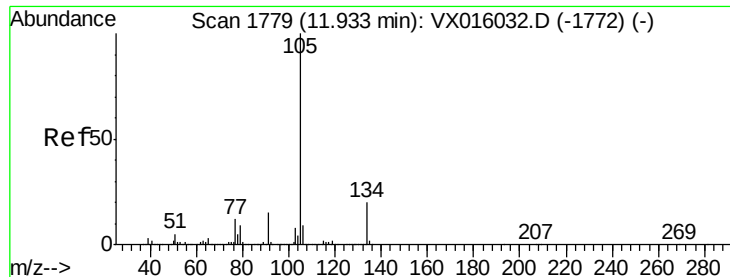
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.178 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016030.D
 Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	73896		
120	46.0		23.0	69.0





#85

sec-Butylbenzene

Concen: 5.163 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 84957

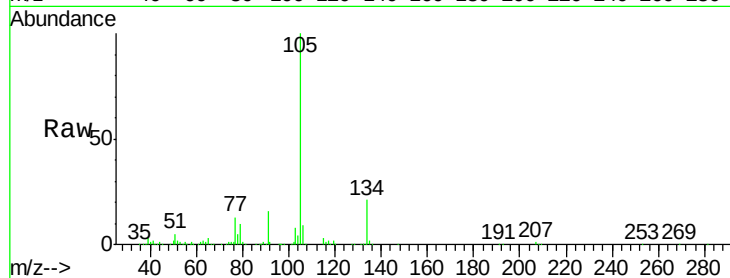
Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3

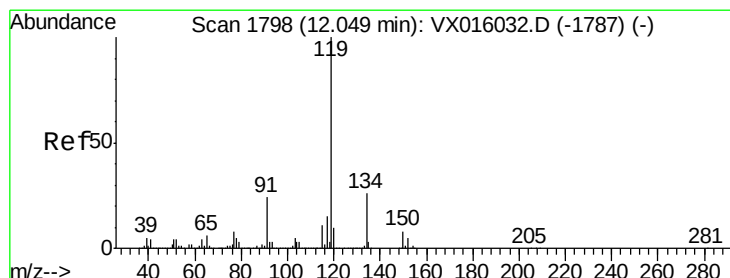
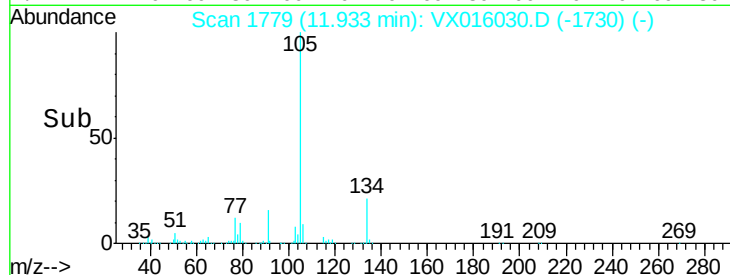
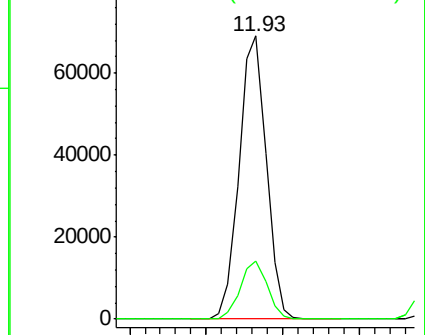
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.137 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

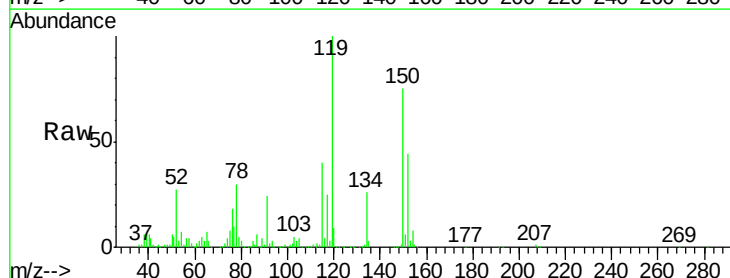
Tgt Ion:119 Resp: 78185

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

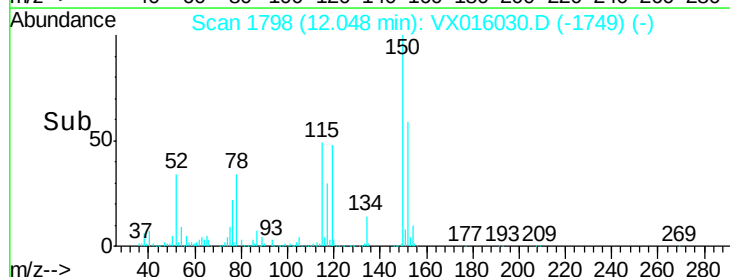
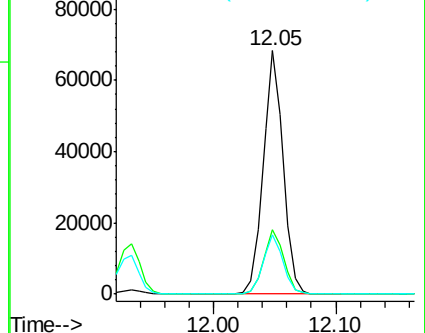
91 24.5 11.8 35.4

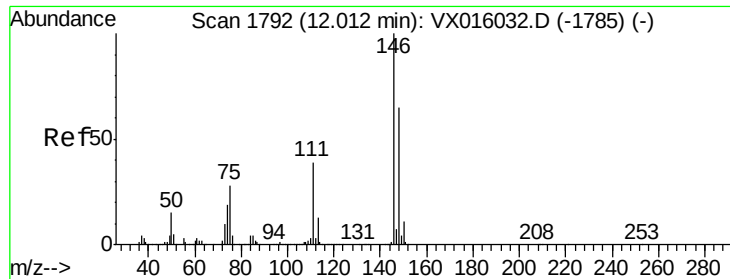


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.304 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

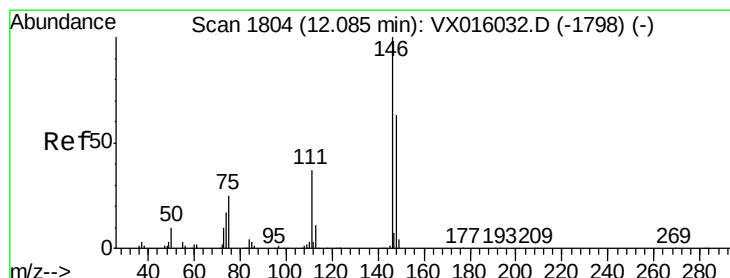
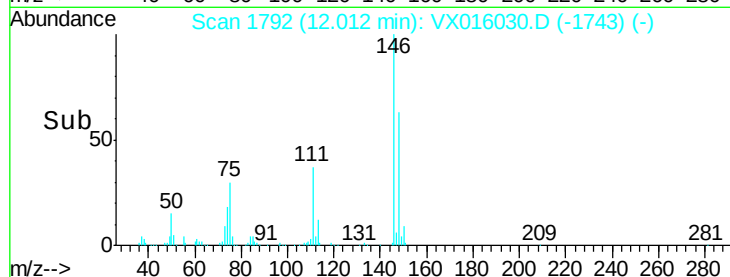
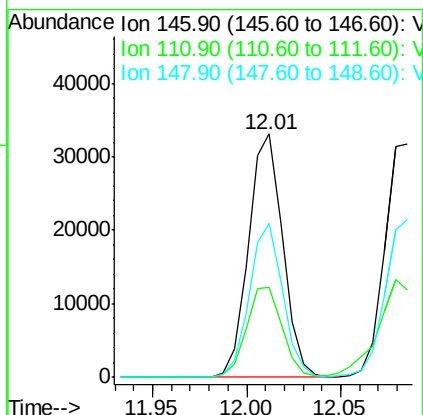
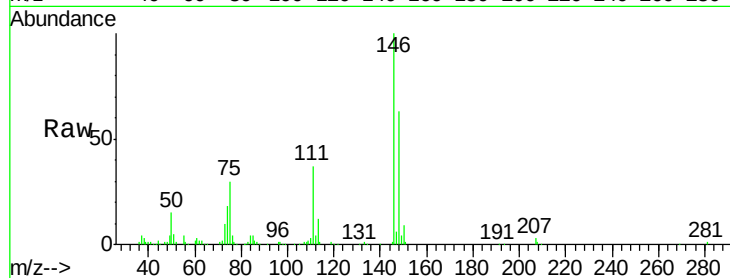
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	41670
Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.2	60.6
148	61.7	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 5.153 ug/l

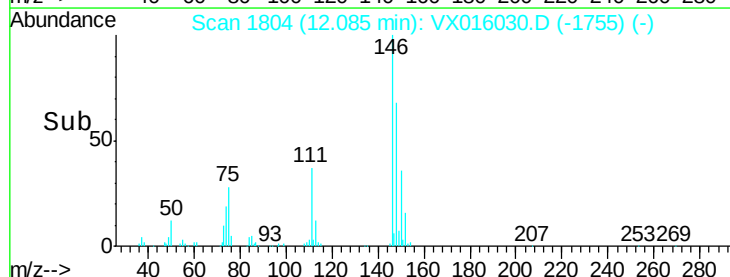
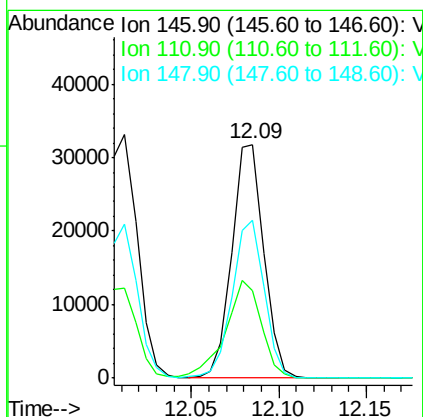
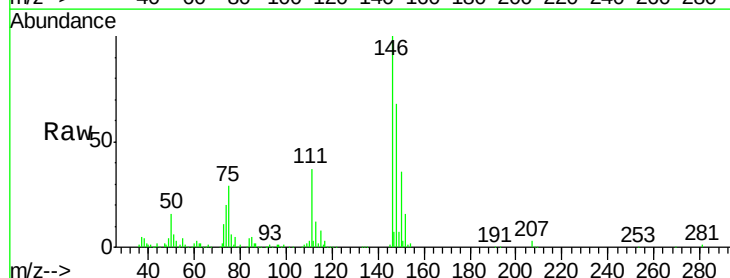
RT: 12.09 min Scan# 1804

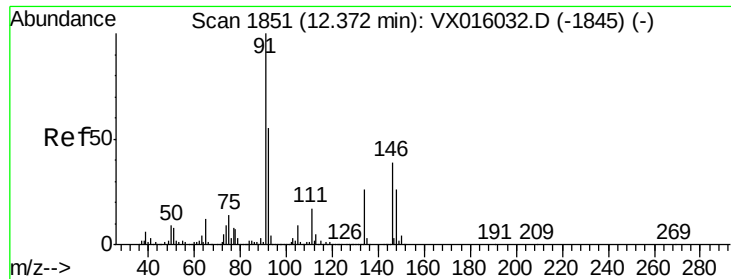
Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion:	146	Resp:	40530
Ion	Ratio	Lower	Upper
146	100		
111	46.9	19.6	58.7
148	67.6	31.8	95.3





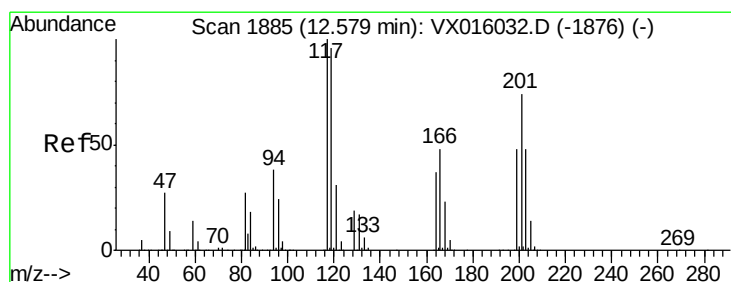
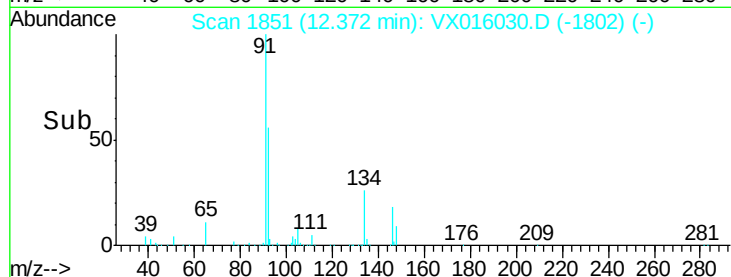
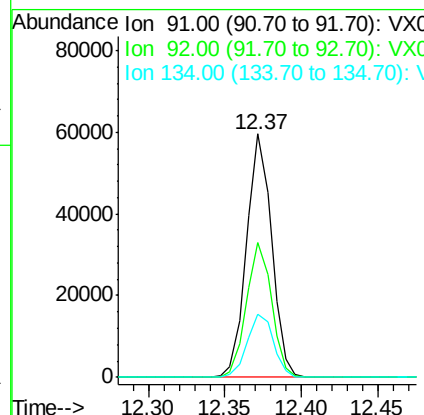
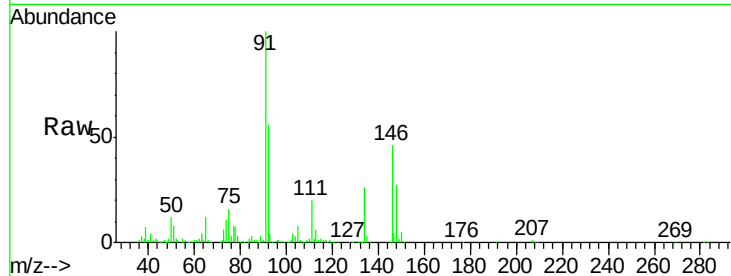
#89
n-Butylbenzene
Concen: 4.915 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	27.1	13.4	40.1

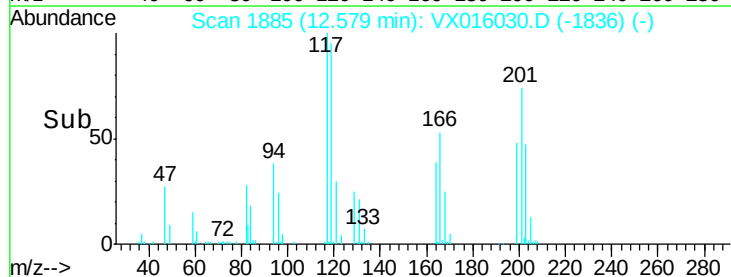
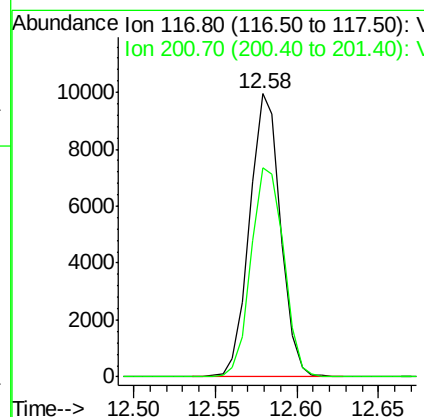
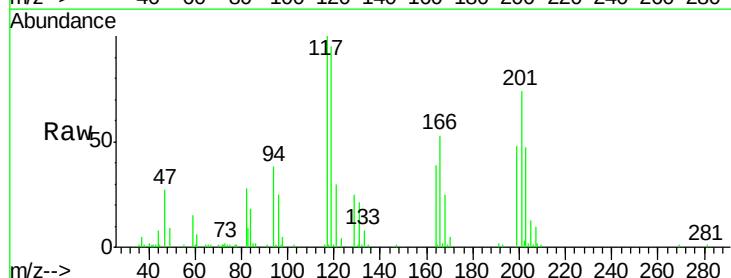
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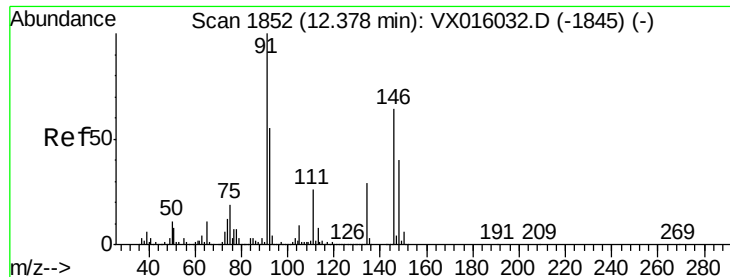
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#90
Hexachloroethane
Concen: 5.228 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 5.208 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Instrument :

MSVOA_X

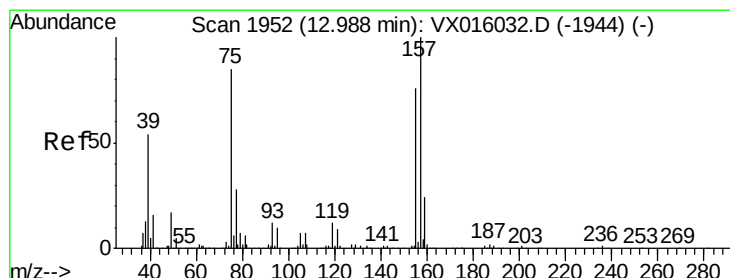
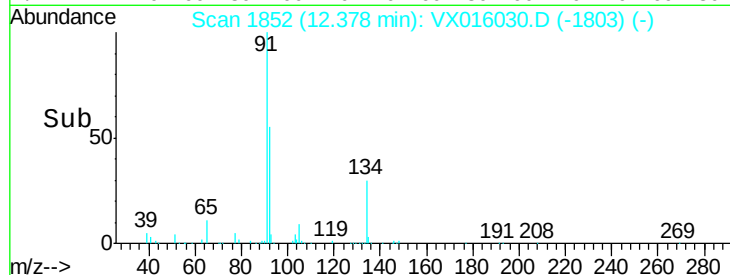
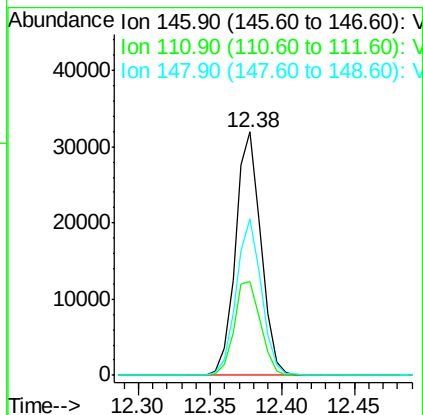
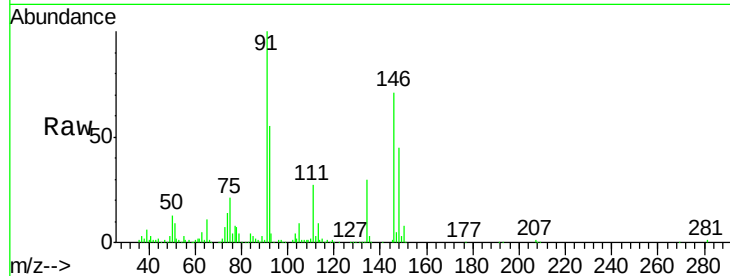
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	39253
Ion Ratio	Lower	Upper	
146	100		
111	40.1	21.1	63.1
148	63.6	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 4.883 ug/l

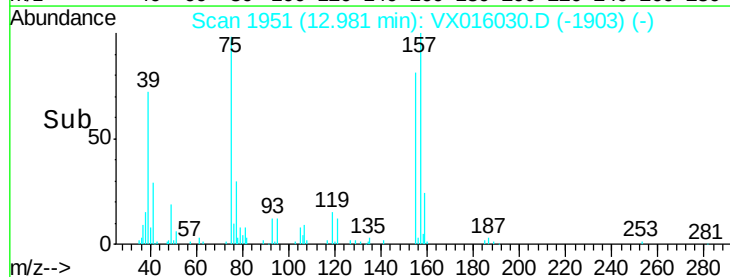
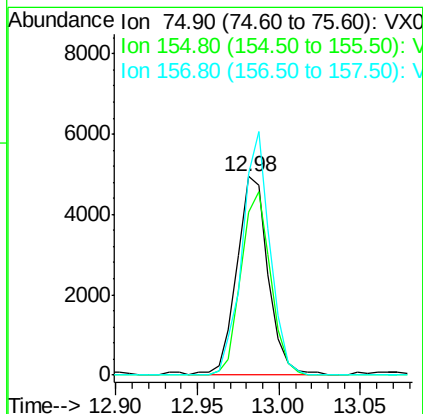
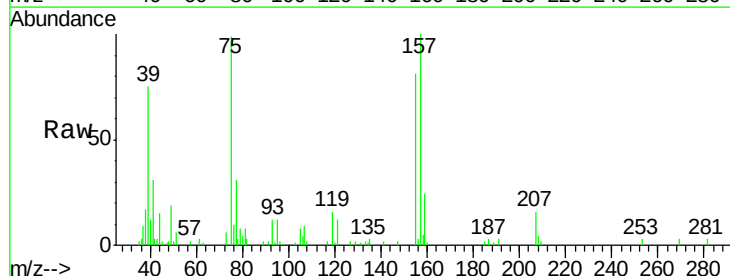
RT: 12.98 min Scan# 1951

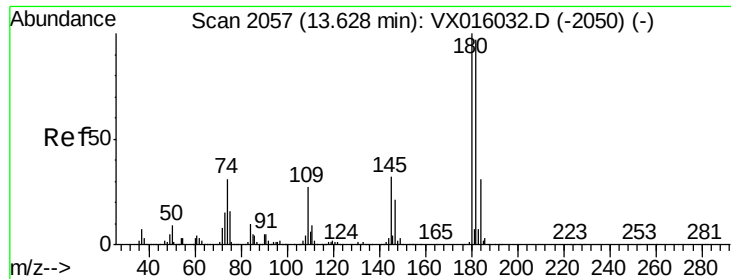
Delta R.T. -0.01 min

Lab File: VX016030.D

Acq: 04 May 2020 12:02

Tgt Ion:	75	Resp:	6646
Ion Ratio	Lower	Upper	
75	100		
155	86.8	42.5	127.5
157	108.4	55.3	165.8





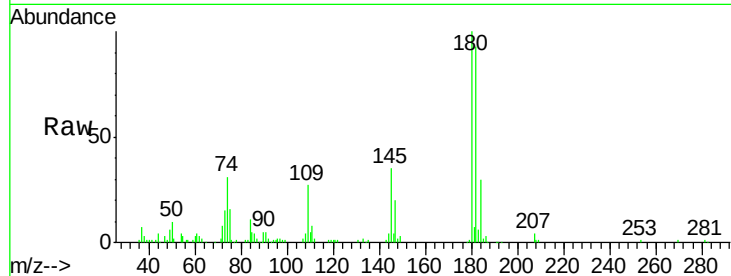
#93
1,2,4-Trichlorobenzene
Concen: 4.994 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

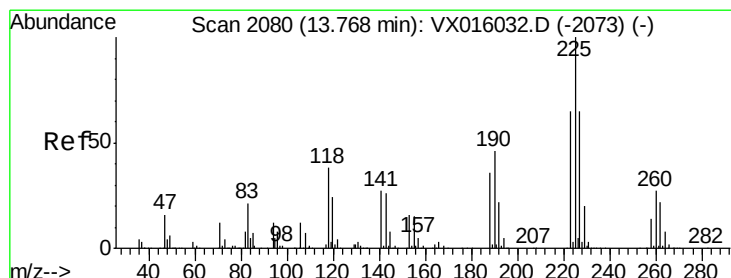
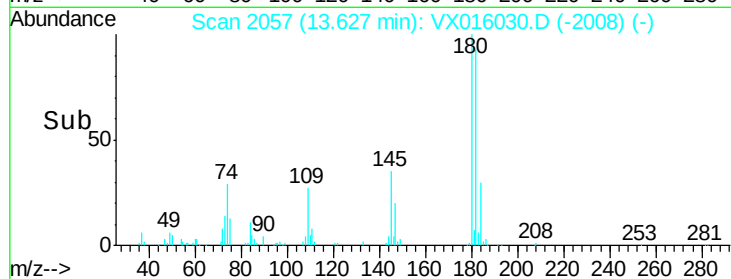
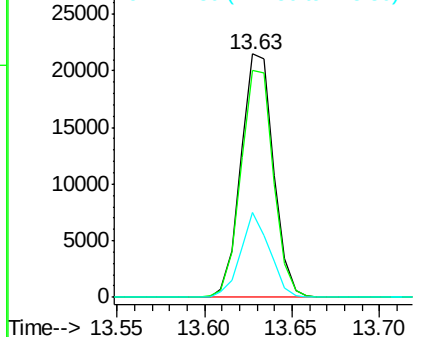
Tot Ion	Ratio	Resp	Lower	Upper
180	100	27756		
182	93.1		48.7	146.1
145	31.3		15.7	47.1

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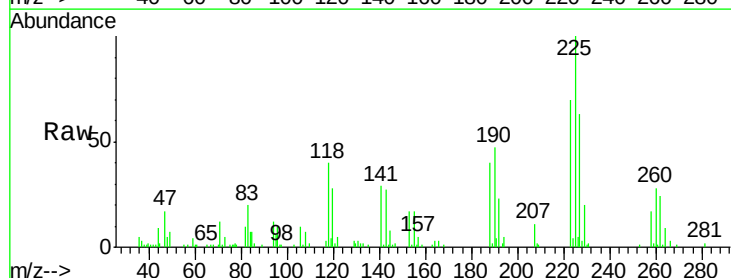


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

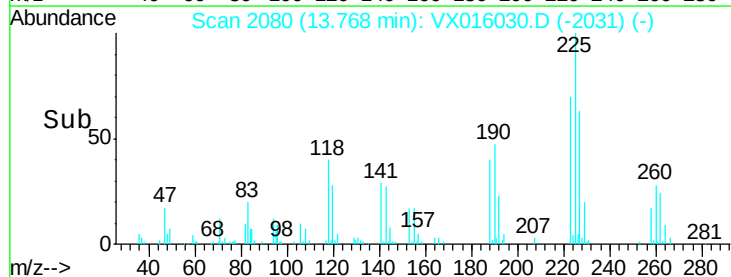
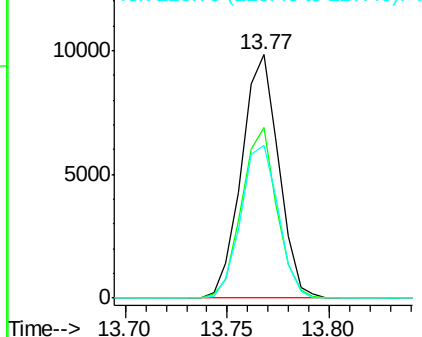


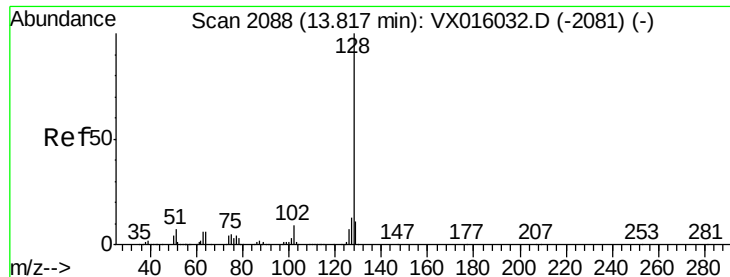
#94
Hexachlorobutadiene
Concen: 4.752 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12404		
223	66.5		32.3	96.9
227	63.3		31.8	95.4



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





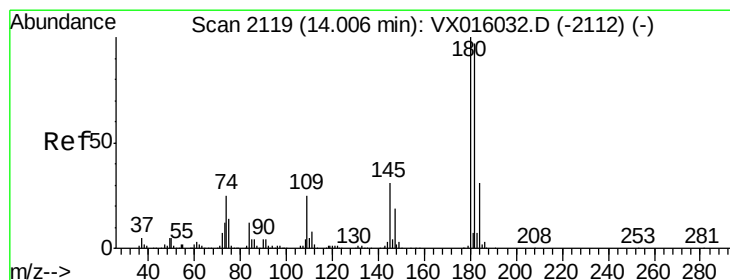
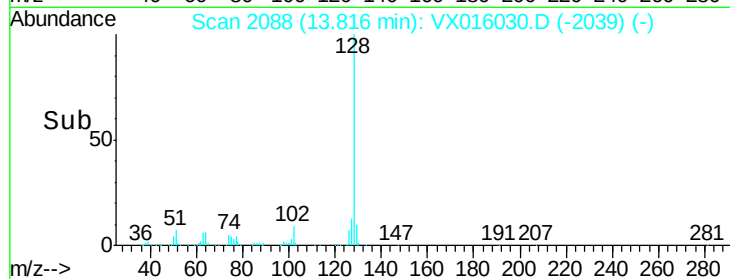
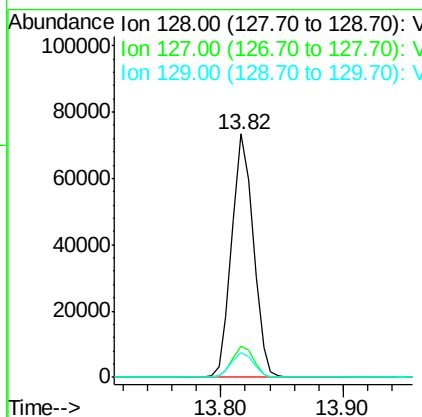
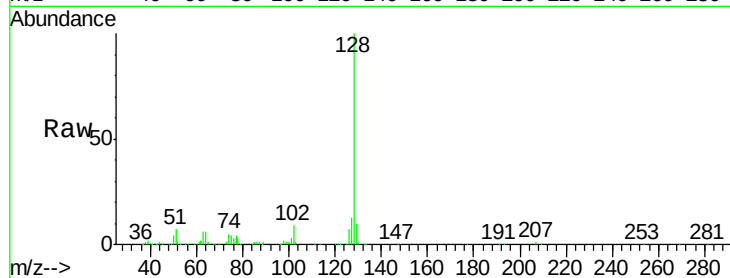
#95
Naphthalene
Concen: 5.007 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	128	Resp:	89601
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.992 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016030.D
Acq: 04 May 2020 12:02

Tgt Ion:	180	Resp:	27150
Ion Ratio	Lower	Upper	
180	100		
182	93.8	48.4	145.0
145	32.0	16.4	49.1

