

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056280.D
 Acq On : 13 Jun 2019 14:43
 Operator : JC/SP
 Sample : K3345-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PR-MW-1 061219

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.793	304	317	340	rVB	155391	324769	1.44%	0.207%
2	6.622	1489	1508	1526	rBV3	149834	461837	2.04%	0.295%
3	7.590	1788	1809	1819	rBV	227996	585825	2.59%	0.374%
4	7.664	1820	1832	1846	rVV	438680	1111178	4.91%	0.709%
5	8.027	1927	1945	1971	rBV	230639	553194	2.45%	0.353%
6	8.201	1971	1999	2021	rBV3	130464	566149	2.50%	0.361%
7	8.583	2101	2118	2142	rBV	668500	1514015	6.69%	0.966%
8	9.079	2246	2272	2284	rBV6	120262	350696	1.55%	0.224%
9	10.091	2573	2587	2597	rBV	1001467	1846311	8.16%	1.178%
10	10.156	2597	2607	2632	rVB	655868	1252421	5.54%	0.799%
11	11.406	2981	2996	3013	rBV	935840	1707592	7.55%	1.089%
12	11.509	3014	3028	3049	rVV	8136567	14045432	62.10%	8.960%
13	11.625	3049	3064	3096	rVB	12682899	22616737	100.00%	14.428%
14	11.947	3142	3164	3189	rBV	6732913	11371130	50.28%	7.254%
15	12.249	3246	3258	3277	rVB	993692	1630167	7.21%	1.040%
16	12.400	3292	3305	3321	rBV	812708	1373834	6.07%	0.876%
17	12.590	3341	3364	3375	rBV	1143194	1905824	8.43%	1.216%
18	12.654	3375	3384	3387	rVV	881533	1248224	5.52%	0.796%
19	12.686	3387	3394	3401	rVV	3007228	5070009	22.42%	3.234%
20	12.731	3401	3408	3433	rVB	4875527	7779498	34.40%	4.963%
21	12.889	3442	3457	3472	rBV	2424116	3976782	17.58%	2.537%
22	13.040	3491	3504	3529	rVB	13701718	22172294	98.03%	14.145%
23	13.168	3530	3544	3553	rBV3	169006	355526	1.57%	0.227%
24	13.233	3554	3564	3573	rVV	377249	575649	2.55%	0.367%
25	13.287	3573	3581	3588	rVV	161154	235920	1.04%	0.151%
26	13.374	3588	3608	3621	rVV2	4015516	7980461	35.29%	5.091%
27	13.541	3640	3660	3667	rBV2	2958443	5565668	24.61%	3.551%
28	13.580	3667	3672	3690	rVB2	1634779	2809234	12.42%	1.792%
29	13.670	3690	3700	3709	rBV	230650	376499	1.66%	0.240%
30	13.738	3709	3721	3731	rVB	586729	961603	4.25%	0.613%
31	13.802	3731	3741	3745	rBV	929056	1418074	6.27%	0.905%
32	13.831	3746	3750	3759	rVV	933945	1264418	5.59%	0.807%
33	13.889	3759	3768	3778	rVB	1392981	2129379	9.42%	1.358%
34	13.947	3778	3786	3791	rBV	185963	270541	1.20%	0.173%

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Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	13.995	3791	3801	3811	rVV2	1105170	1805219	7.98%	1.152%
36	14.127	3832	3842	3852	rBV2	632423	1000900	4.43%	0.639%
37	14.207	3857	3867	3873	rVV	1022830	1637853	7.24%	1.045%
38	14.246	3873	3879	3889	rVB	1749975	2577847	11.40%	1.645%
39	14.429	3925	3936	3942	rBV4	139489	255428	1.13%	0.163%
40	14.474	3942	3950	3959	rVV2	588411	946784	4.19%	0.604%
41	14.522	3959	3965	3972	rVV	228516	317394	1.40%	0.202%
42	14.583	3972	3984	3998	rVV4	2384739	5022565	22.21%	3.204%
43	14.651	3998	4005	4015	rVB5	139912	253685	1.12%	0.162%
44	14.741	4022	4033	4050	rVB	1172335	1872788	8.28%	1.195%
45	14.853	4058	4068	4073	rBV5	320531	578404	2.56%	0.369%
46	14.953	4089	4099	4115	rVB3	431630	953881	4.22%	0.609%
47	15.130	4134	4154	4166	rBV	2668165	4689048	20.73%	2.991%
48	15.188	4166	4172	4180	rVV	170907	256794	1.14%	0.164%
49	15.255	4180	4193	4211	rVB4	171849	606370	2.68%	0.387%
50	15.416	4231	4243	4254	rBV3	130114	265096	1.17%	0.169%
51	15.577	4281	4293	4296	rBV4	150163	262647	1.16%	0.168%
52	15.612	4298	4304	4319	rVB	349302	609174	2.69%	0.389%
53	15.911	4383	4397	4417	rBV	370024	772347	3.41%	0.493%
54	16.159	4462	4474	4506	rVB	1143516	2435888	10.77%	1.554%
55	16.348	4518	4533	4548	rBV	1025445	2225352	9.84%	1.420%

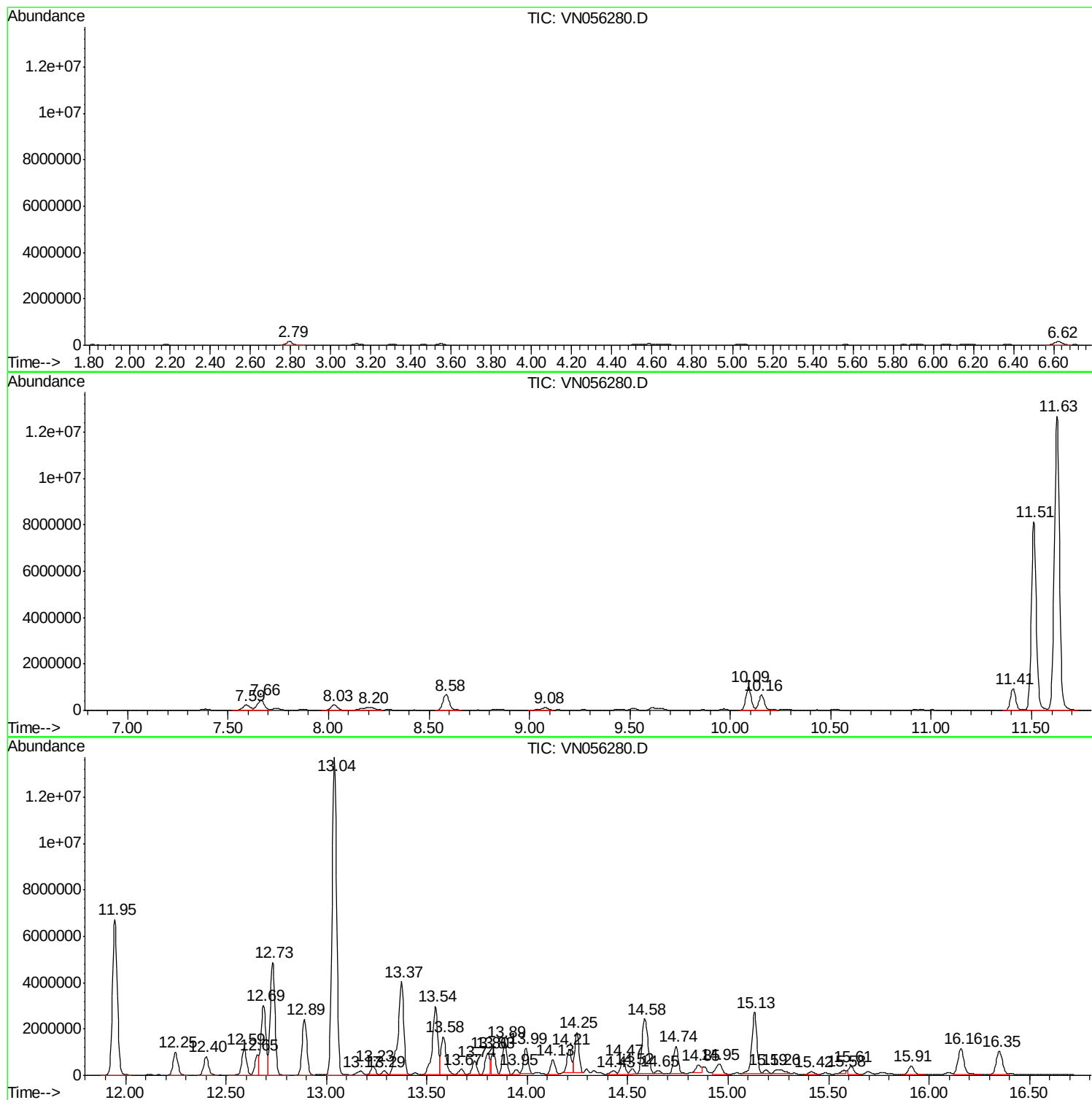
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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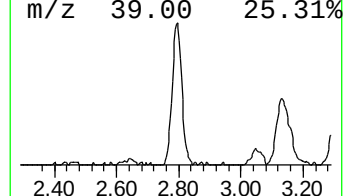
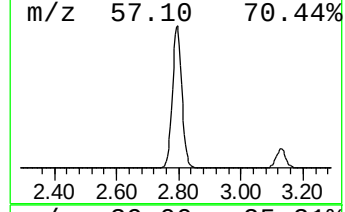
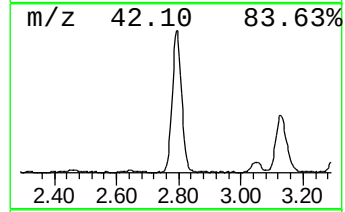
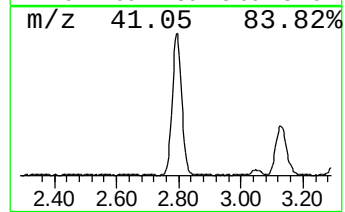
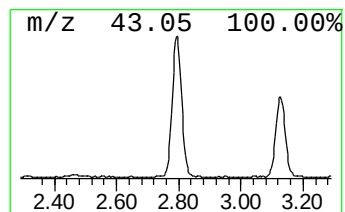
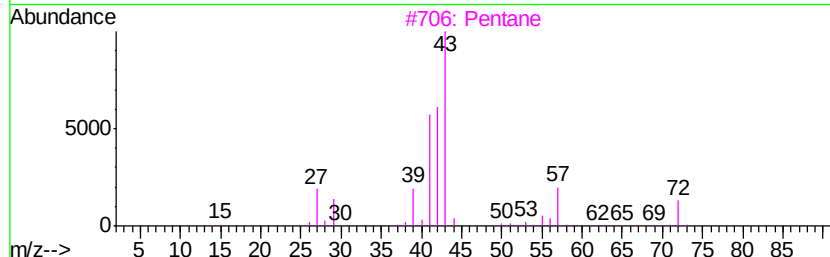
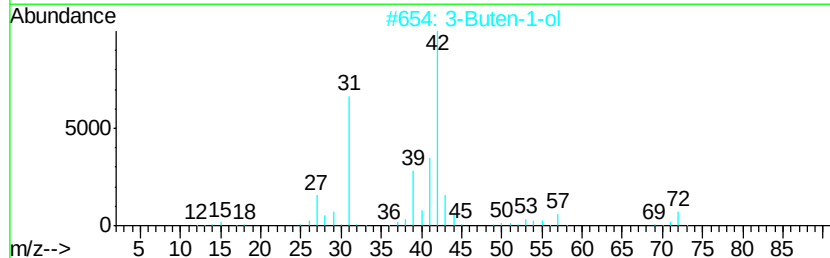
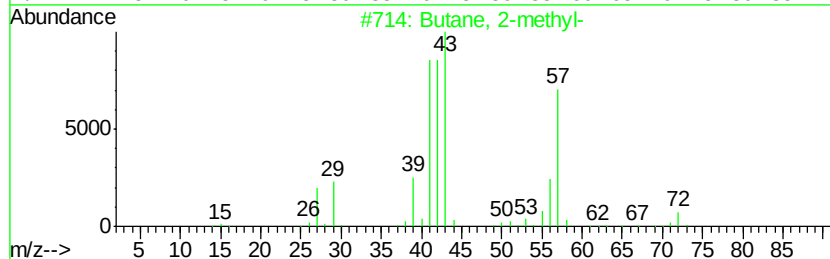
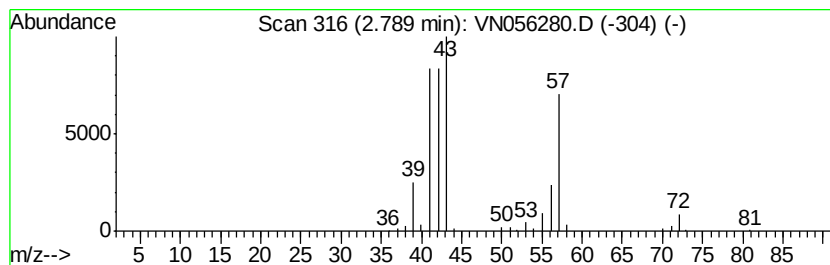
Instrument :
MSVOA_N
ClientSampled :
PR-MW-1 061219

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
2.79	14.61 ug/l	324769	Pentafluorobenzene	7.66		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-		72	C5H12	000078-78-4	91
2	3-Buten-1-ol		72	C4H8O	000627-27-0	47
3	Pentane		72	C5H12	000109-66-0	39
4	1-Butene		56	C4H8	000106-98-9	14
5	1-Propene, 2-methyl-		56	C4H8	000115-11-7	10



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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PR-MW-1 061219

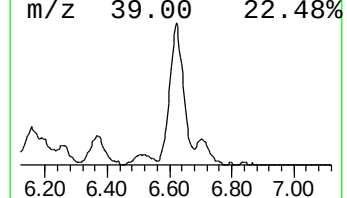
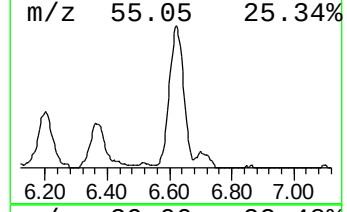
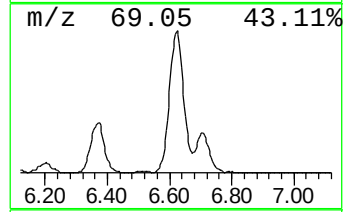
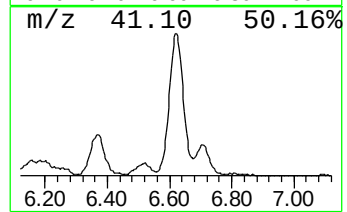
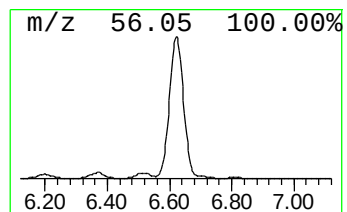
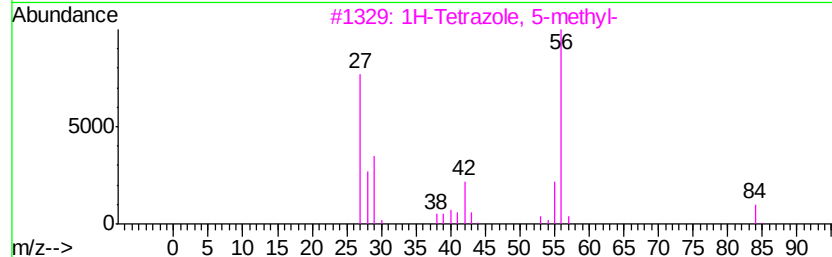
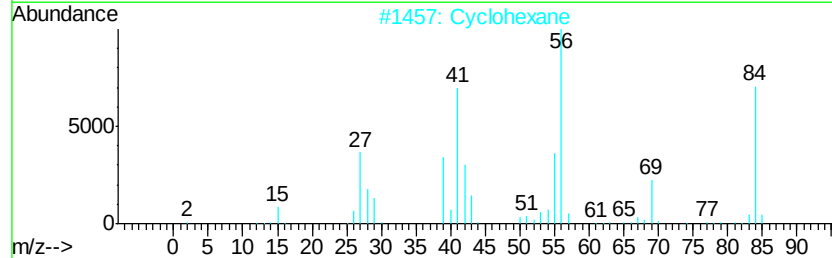
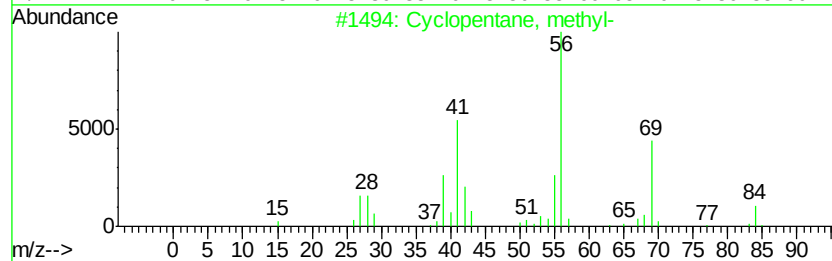
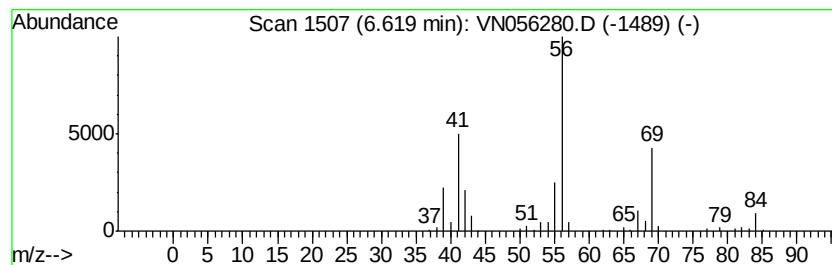
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	20.78 ug/l	461837	Pentafluorobenzene	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclohexane	84	C6H12	000110-82-7	87
3		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5		2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	50



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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

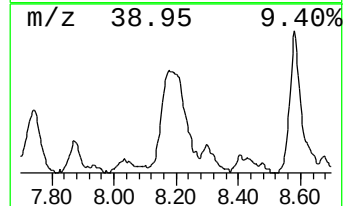
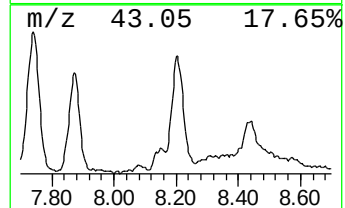
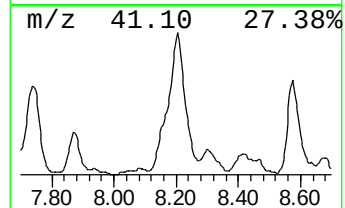
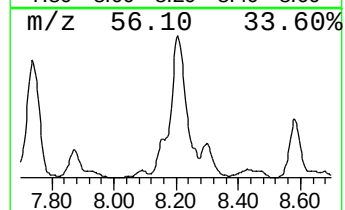
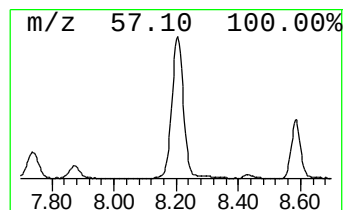
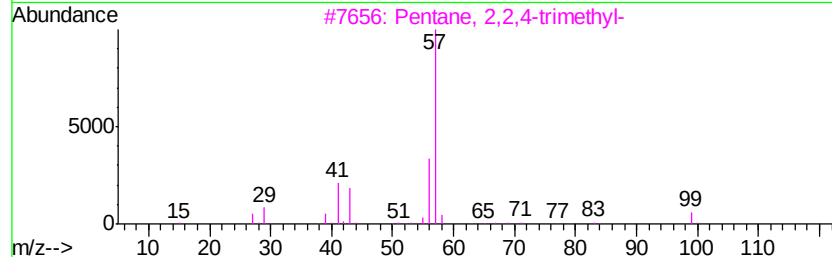
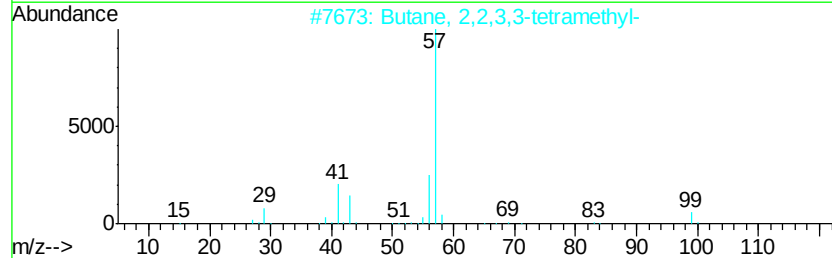
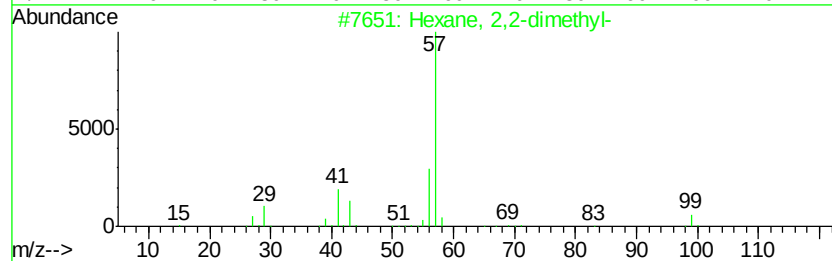
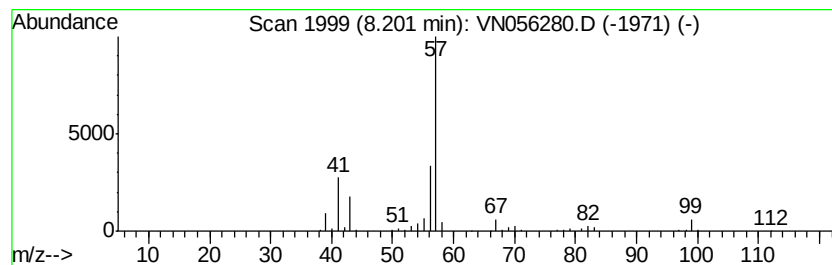
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexane, 2,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	18.70 ug/l	566149	1,4-Difluorobenzene	8.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,2-dimethyl-	114 C8H18	000590-73-8	64
2	Butane, 2,2,3,3-tetramethyl-	114 C8H18	000594-82-1	64
3	Pentane, 2,2,4-trimethyl-	114 C8H18	000540-84-1	64
4	Methane, isocyanato-	57 C2H3NO	000624-83-9	59
5	Pentane, 2,2,4,4-tetramethyl-	128 C9H20	001070-87-7	50



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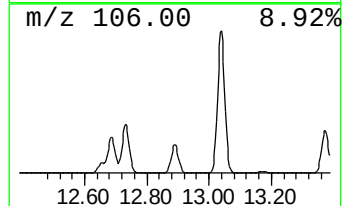
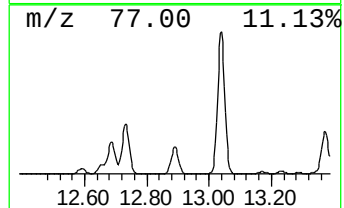
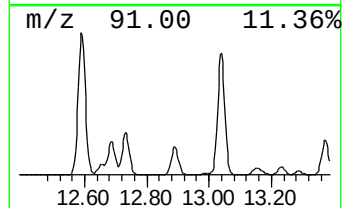
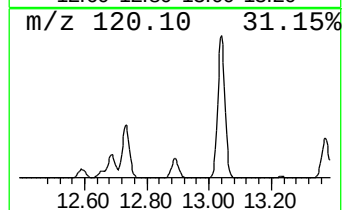
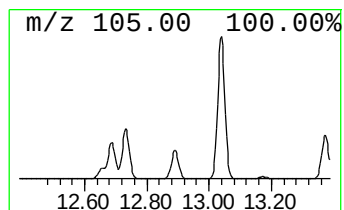
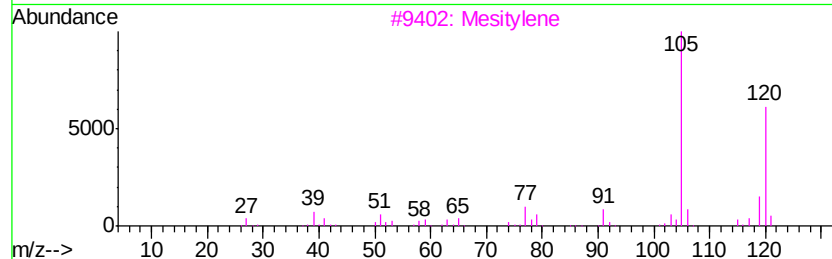
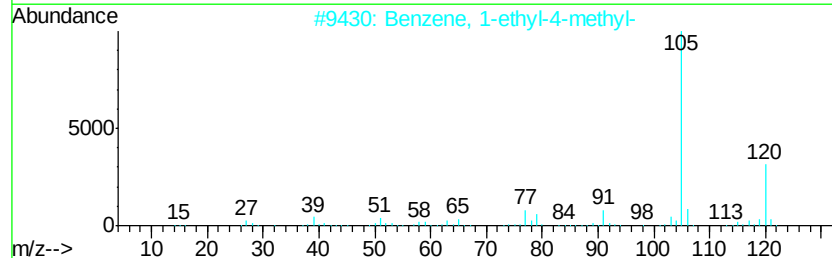
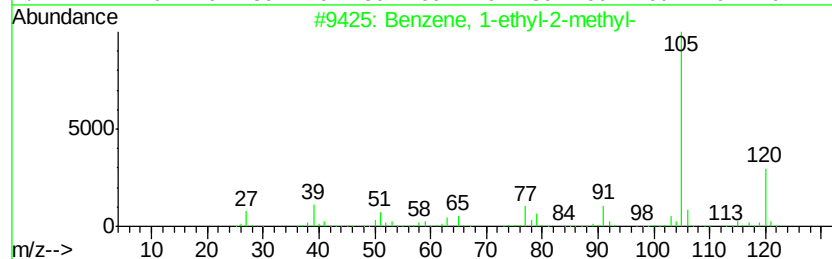
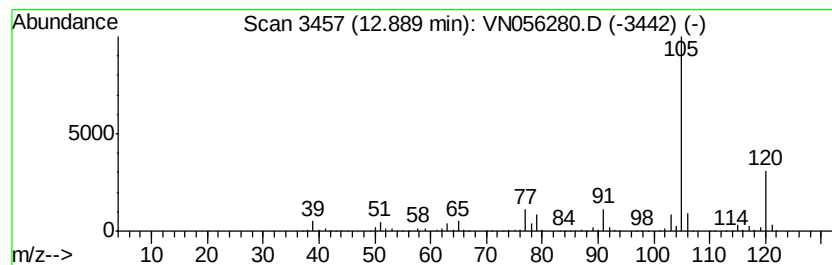
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	24.92 ug/l	3976780	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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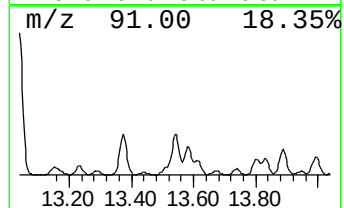
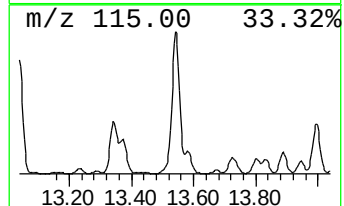
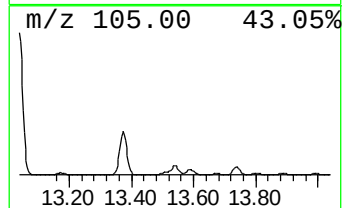
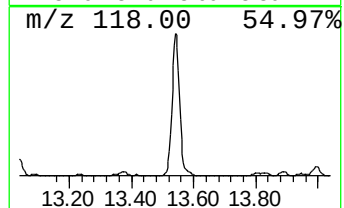
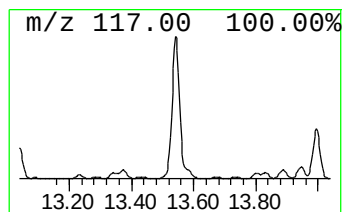
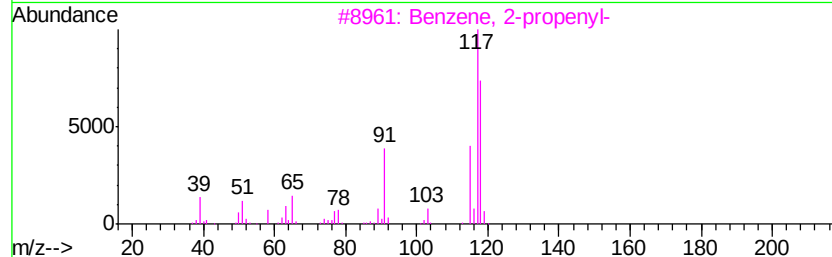
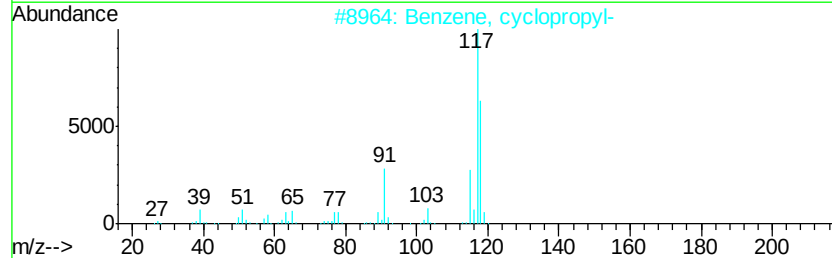
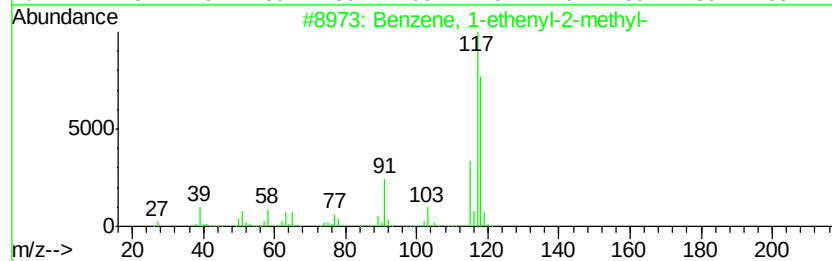
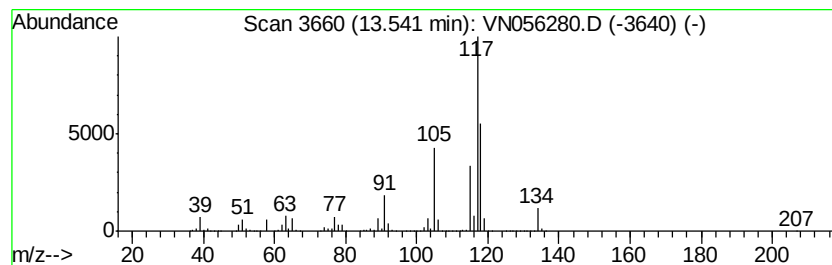
Instrument :
MSVOA_N
ClientSampleId :
PR-MW-1 061219

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.54	34.87 ug/l	5565670	1,4-Dichlorobenzene-d4	13.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Indane	118	C9H10	000496-11-7	76
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061319\
Data File : VN056280.D
Acq On : 13 Jun 2019 14:43
Operator : JC/SP
Sample : K3345-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

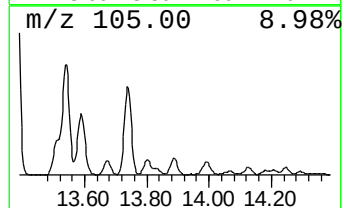
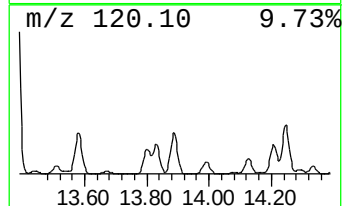
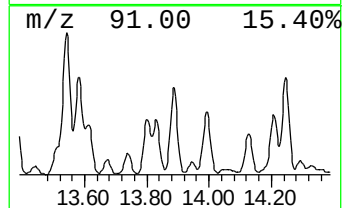
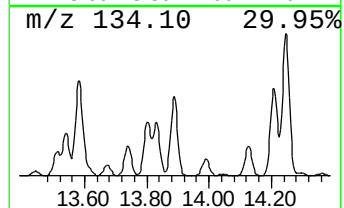
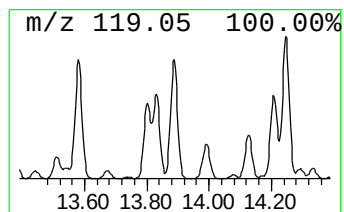
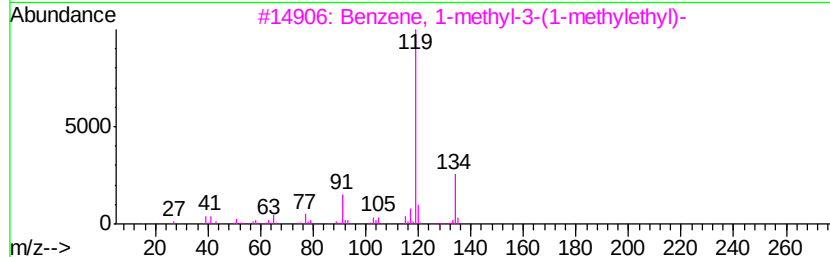
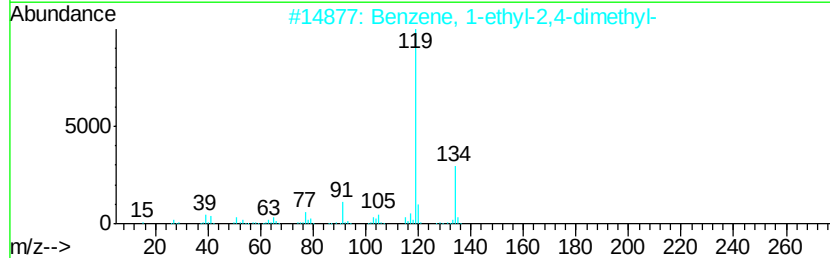
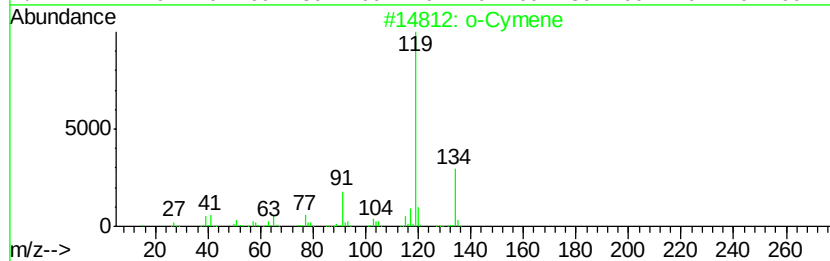
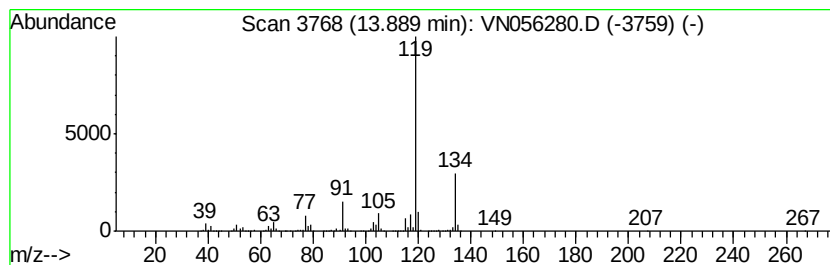
Instrument :
MSVOA_N
ClientSampled :
PR-MW-1 061219

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	13.34 ug/l	2129380	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 97
2		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 97
3		Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3 95
4		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 95
5		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061319\
Data File : VN056280.D
Acq On : 13 Jun 2019 14:43
Operator : JC/SP
Sample : K3345-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

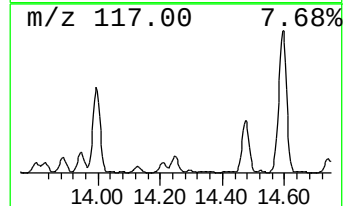
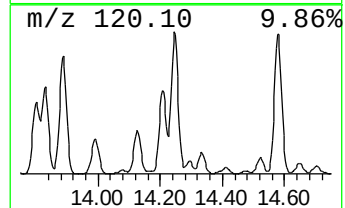
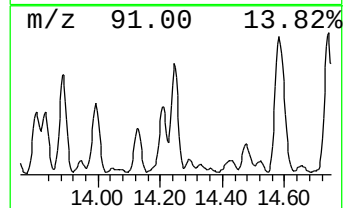
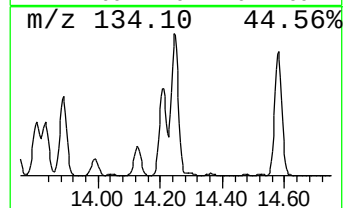
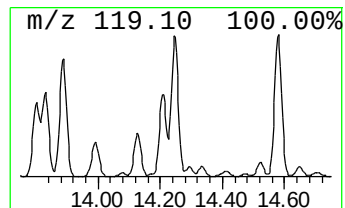
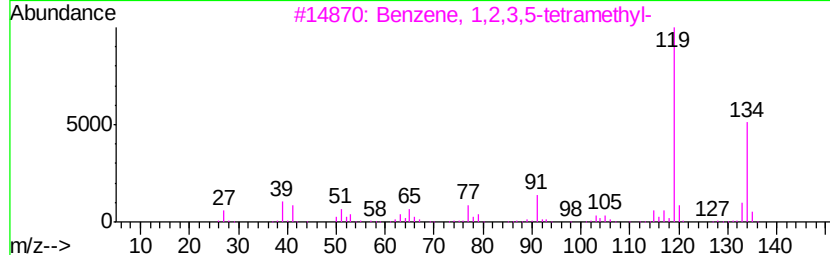
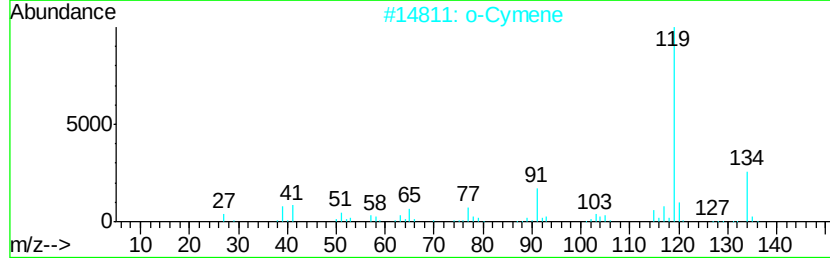
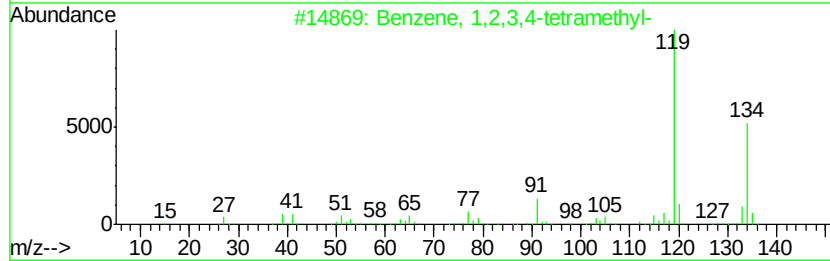
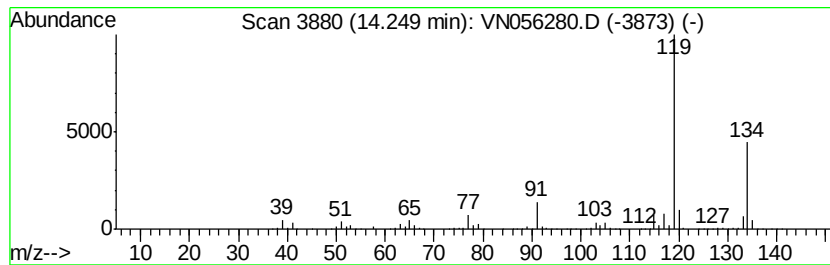
Instrument :
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ClientSampled :
PR-MW-1 061219

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.25	16.15 ug/l	2577850	1,4-Dichlorobenzene-d4	13.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	o-Cymene	134	C10H14	000527-84-4	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061319\
Data File : VN056280.D
Acq On : 13 Jun 2019 14:43
Operator : JC/SP
Sample : K3345-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

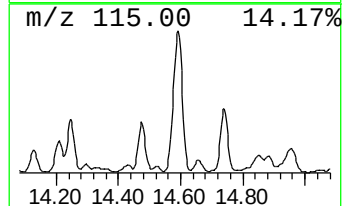
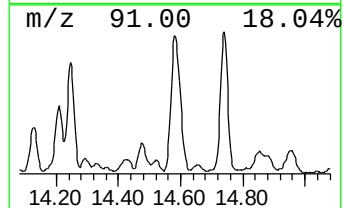
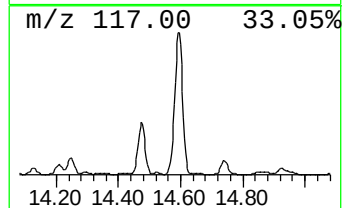
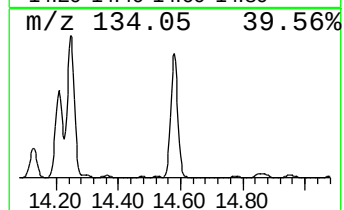
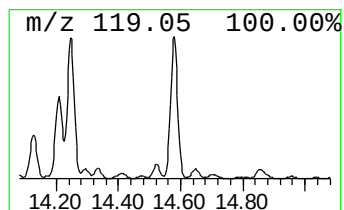
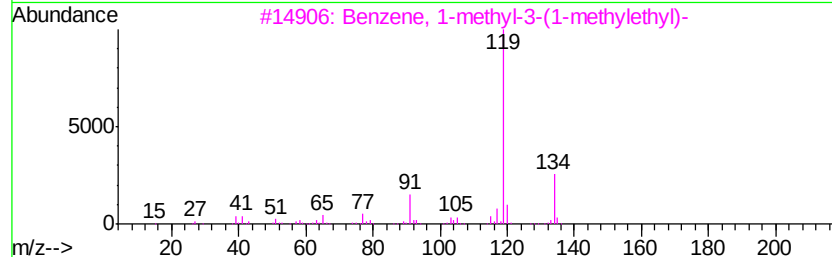
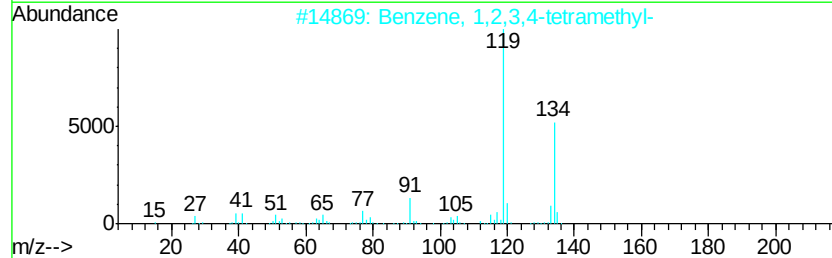
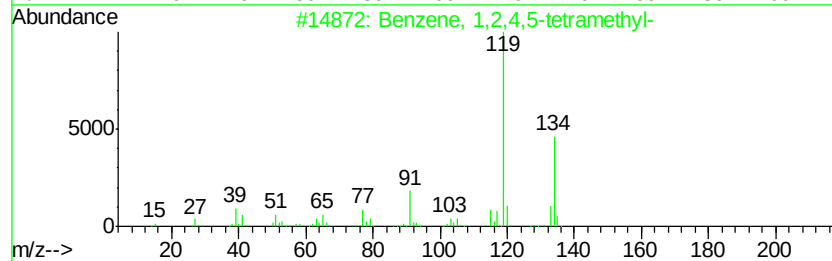
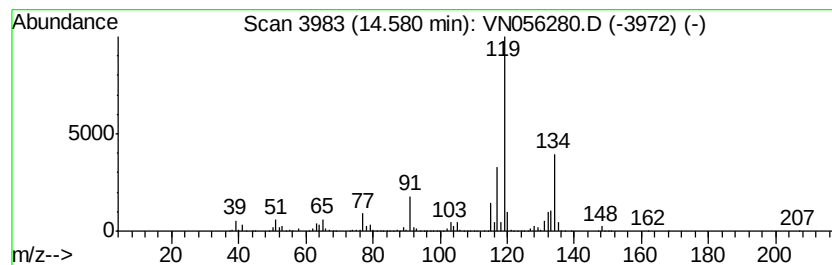
Instrument :
MSVOA_N
ClientSampled :
PR-MW-1 061219

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	31.47 ug/l	5022570	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 92
2		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 70
3		Benzene, 1-methyl-3-(1-methylethyl)-	134 C10H14	000535-77-3 70
4		o-Cymene	134 C10H14	000527-84-4 70
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134 C10H14	076089-59-3 70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
Data File : VN056280.D
Acq On : 13 Jun 2019 14:43
Operator : JC/SP
Sample : K3345-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-1 061219

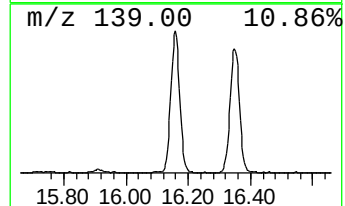
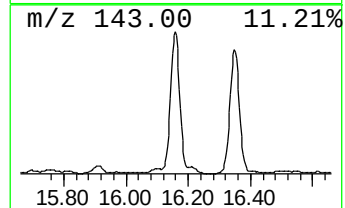
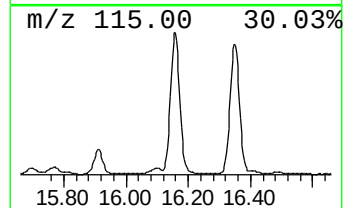
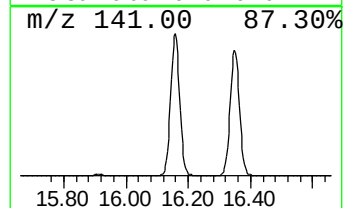
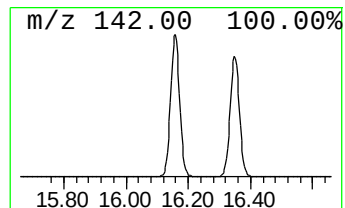
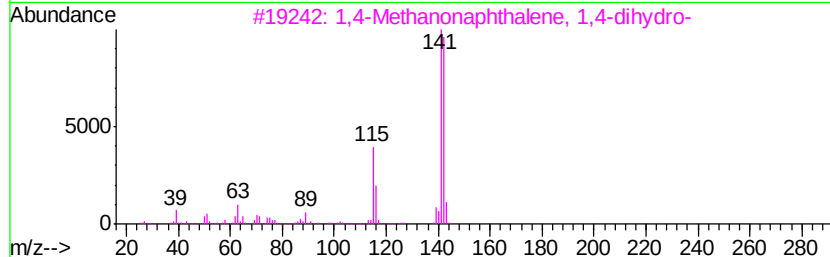
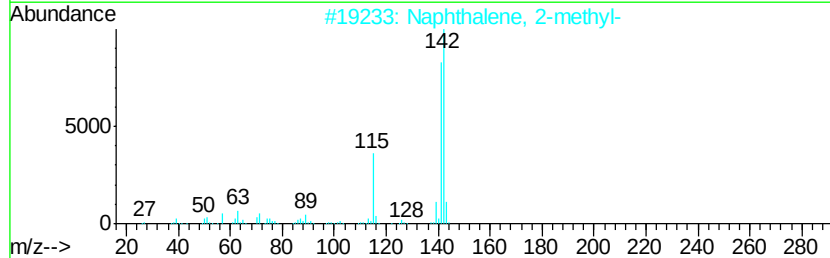
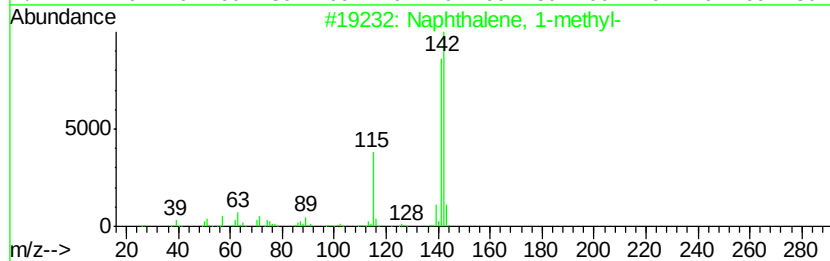
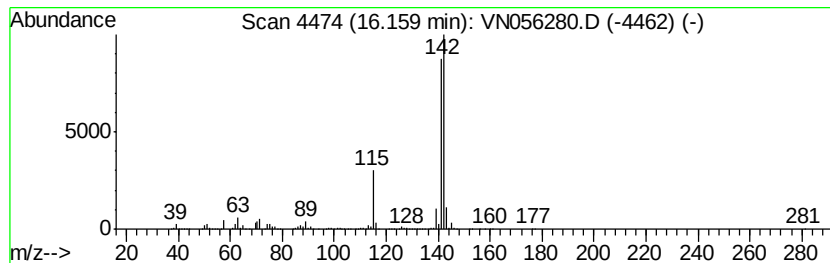
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	15.26 ug/l	2435890	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061319\
Data File : VN056280.D
Acq On : 13 Jun 2019 14:43
Operator : JC/SP
Sample : K3345-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-1 061219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	2.79	14.6	ug/l	324769	1	7.66	1111180	50.0
Cyclopentane, met...	6.62	20.8	ug/l	461837	1	7.66	1111180	50.0
Hexane, 2,2-dimet...	8.20	18.7	ug/l	566149	2	8.59	1514020	50.0
Benzene, 1-ethyl-...	12.89	24.9	ug/l	3976780	4	13.34	7980460	50.0
Benzene, 1-etheny...	13.54	34.9	ug/l	5565670	4	13.34	7980460	50.0
o-Cymene	13.89	13.3	ug/l	2129380	4	13.34	7980460	50.0
Benzene, 1,2,3,4-...	14.25	16.1	ug/l	2577850	4	13.34	7980460	50.0
Benzene, 1,2,4,5-...	14.58	31.5	ug/l	5022570	4	13.34	7980460	50.0
Naphthalene, 1-me...	16.16	15.3	ug/l	2435890	4	13.34	7980460	50.0