

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004396.D
 Acq On : 06 Sep 2018 20:14
 Operator : JC/MD
 Sample : J4724-15
 Misc : 3.78g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SUT-8USTS-E

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_X\METHOD\82X082218W.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	5.653	727	738	752	rVB	254292	708137	1.07%	0.082%
2	6.854	921	935	950	rBV	397904	942017	1.42%	0.109%
3	8.713	1235	1240	1254	rVB	1042443	1658647	2.51%	0.192%
4	9.445	1350	1360	1369	rBV	955134	1510285	2.28%	0.174%
5	9.555	1373	1378	1385	rBV2	732626	1530313	2.31%	0.177%
6	9.622	1385	1389	1393	rVB	781637	1073747	1.62%	0.124%
7	9.677	1393	1398	1403	rBV	1806535	2835667	4.29%	0.327%
8	9.878	1425	1431	1437	rVV4	1794459	4459467	6.74%	0.515%
9	9.957	1440	1444	1449	rVB	2115196	2898932	4.38%	0.335%
10	10.067	1455	1462	1466	rBV	3317500	4788028	7.24%	0.553%
11	10.116	1466	1470	1474	rVB	983232	1353766	2.05%	0.156%
12	10.171	1474	1479	1485	rVB4	426940	937867	1.42%	0.108%
13	10.238	1485	1490	1497	rBV2	1155600	2270969	3.43%	0.262%
14	10.335	1497	1506	1509	rBV2	2916092	5766770	8.72%	0.666%
15	10.378	1509	1513	1516	rVV	4406459	5508939	8.33%	0.636%
16	10.414	1516	1519	1530	rVB	3137822	5725658	8.65%	0.661%
17	10.512	1530	1535	1541	rBV	2047095	3039478	4.59%	0.351%
18	10.591	1541	1548	1550	rBV2	969747	1434314	2.17%	0.166%
19	10.646	1550	1557	1564	rBV2	9258852	15907700	24.04%	1.837%
20	10.731	1564	1571	1574	rBV2	5540374	8702197	13.15%	1.005%
21	10.774	1575	1578	1581	rVB2	2991902	3690824	5.58%	0.426%
22	10.841	1581	1589	1593	rBV	26101917	38675058	58.46%	4.466%
23	10.914	1593	1601	1605	rBV2	18655820	32655955	49.36%	3.771%
24	10.957	1605	1608	1612	rVB	11976022	15700639	23.73%	1.813%
25	11.012	1612	1617	1622	rBV3	3738749	6460263	9.76%	0.746%
26	11.061	1622	1625	1627	rBV2	4859063	6642645	10.04%	0.767%
27	11.091	1627	1630	1634	rVV2	8741768	11100082	16.78%	1.282%
28	11.146	1634	1639	1643	rVB	17928677	22780172	34.43%	2.631%
29	11.189	1643	1646	1649	rVB2	3925825	4910784	7.42%	0.567%
30	11.225	1649	1652	1654	rBV	2984640	3846417	5.81%	0.444%
31	11.280	1654	1661	1670	rVB2	17198690	30362302	45.89%	3.506%
32	11.365	1671	1675	1677	rBV	4109521	4708038	7.12%	0.544%
33	11.402	1677	1681	1684	rBV3	4770470	7033781	10.63%	0.812%
34	11.451	1684	1689	1693	rVV4	9778779	17920093	27.09%	2.069%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	11.493	1693	1696	1701	rVV2	19600483	34118037	51.57%	3.940%
36	11.542	1701	1704	1709	rVB3	12003400	18011991	27.22%	2.080%
37	11.585	1709	1711	1716	rVB4	2290161	3091649	4.67%	0.357%
38	11.634	1716	1719	1721	rBV	2725472	3105143	4.69%	0.359%
39	11.695	1721	1729	1733	rVB5	9886596	18805631	28.42%	2.172%
40	11.743	1733	1737	1740	rBV2	9107849	12982083	19.62%	1.499%
41	11.780	1740	1743	1746	rVV	36031971	46177541	69.80%	5.333%
42	11.817	1746	1749	1758	rVB	37944120	66161607	100.00%	7.641%
43	11.902	1758	1763	1765	rBV2	8683013	12338516	18.65%	1.425%
44	11.951	1765	1771	1776	rVV5	15598463	26835257	40.56%	3.099%
45	12.012	1776	1781	1783	rVV2	21326198	30596099	46.24%	3.533%
46	12.036	1783	1785	1789	rVV3	8152525	9955977	15.05%	1.150%
47	12.073	1789	1791	1792	rVV	3136314	3066324	4.63%	0.354%
48	12.097	1793	1795	1799	rVV2	7643577	9023384	13.64%	1.042%
49	12.152	1799	1804	1810	rVV2	13084766	21814500	32.97%	2.519%
50	12.310	1825	1830	1831	rBV2	9517914	12315579	18.61%	1.422%
51	12.329	1831	1833	1836	rVV	9425810	10683710	16.15%	1.234%
52	12.377	1836	1841	1847	rVV3	25931770	45659647	69.01%	5.273%
53	12.481	1847	1858	1862	rVV2	8073996	21035842	31.79%	2.429%
54	12.530	1862	1866	1872	rVB4	11169836	19512306	29.49%	2.253%
55	12.597	1872	1877	1878	rBV	8582145	11281306	17.05%	1.303%
56	12.615	1878	1880	1887	rVV4	12420095	21454279	32.43%	2.478%
57	12.676	1887	1890	1898	rVB2	10145143	15811700	23.90%	1.826%
58	12.743	1898	1901	1903	rBV2	3519620	4935010	7.46%	0.570%
59	12.774	1903	1906	1912	rVB4	5761964	12001990	18.14%	1.386%
60	12.822	1912	1914	1916	rBV3	1039351	1287063	1.95%	0.149%
61	12.853	1916	1919	1921	rBV3	1939654	2349199	3.55%	0.271%
62	12.883	1921	1924	1926	rBV2	2876535	2931297	4.43%	0.339%
63	12.951	1931	1935	1938	rVV3	7935419	12544054	18.96%	1.449%
64	12.981	1938	1940	1944	rVV2	6102087	7714471	11.66%	0.891%
65	13.024	1944	1947	1950	rVV	8086914	11181805	16.90%	1.291%
66	13.048	1950	1951	1954	rVV	4011436	3179690	4.81%	0.367%
67	13.091	1954	1958	1962	rVV3	2869443	6196757	9.37%	0.716%
68	13.127	1962	1964	1966	rVV	1703670	1904700	2.88%	0.220%
69	13.152	1966	1968	1973	rVV	1603780	2258767	3.41%	0.261%
70	13.219	1973	1979	1983	rVV4	2220443	4700240	7.10%	0.543%
71	13.268	1984	1987	1990	rVV3	1537731	1725746	2.61%	0.199%

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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
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72	13.310	1990	1994	1997	rVV2	2199111	2974664	4.50%	0.344%
73	13.347	1997	2000	2006	rVV2	8517347	13303240	20.11%	1.536%
74	13.389	2006	2007	2011	rVV	976004	1080390	1.63%	0.125%
75	13.432	2011	2014	2018	rVV2	1241198	1908309	2.88%	0.220%
76	13.481	2018	2022	2031	rVB	4685148	7962103	12.03%	0.919%
77	13.566	2031	2036	2039	rBV3	767832	1179405	1.78%	0.136%
78	13.639	2044	2048	2053	rBV2	1316669	2272770	3.44%	0.262%
79	13.725	2059	2062	2067	rVB2	820620	1222475	1.85%	0.141%
80	13.810	2071	2076	2077	rVV2	392820	668098	1.01%	0.077%
81	13.834	2077	2080	2087	rVV	3126433	4391113	6.64%	0.507%
82	13.902	2087	2091	2097	rVB4	336711	668890	1.01%	0.077%

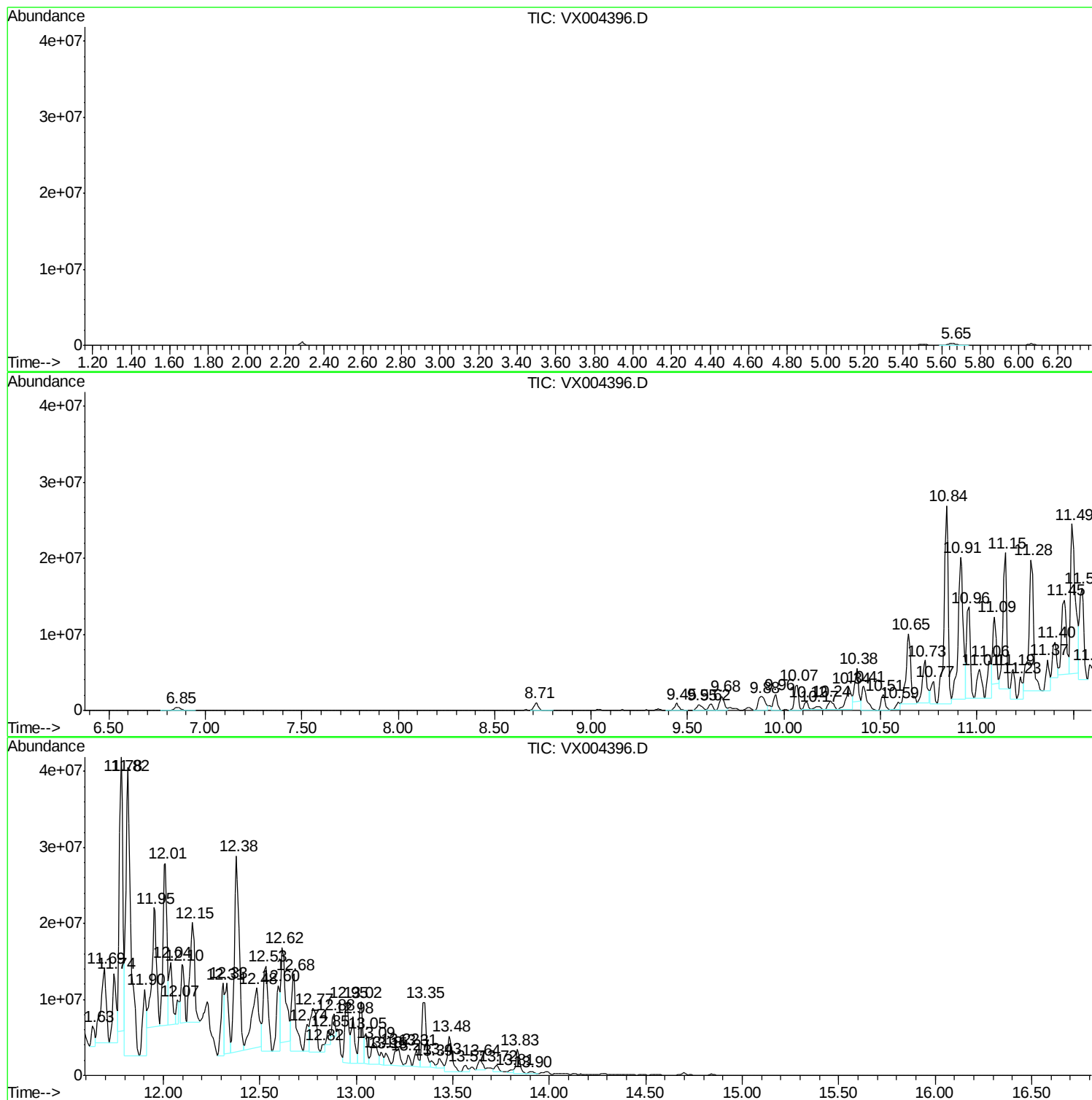
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090618\
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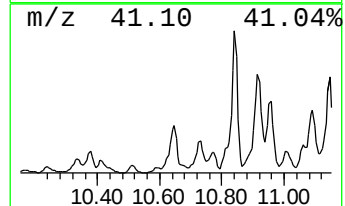
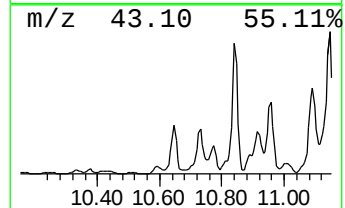
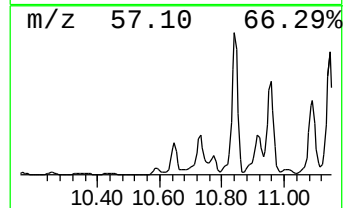
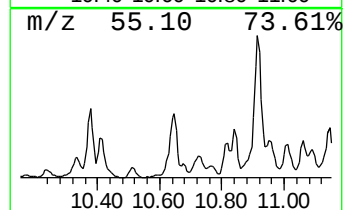
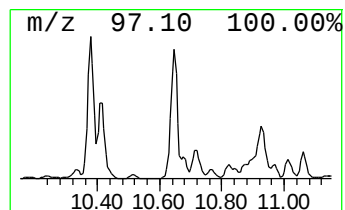
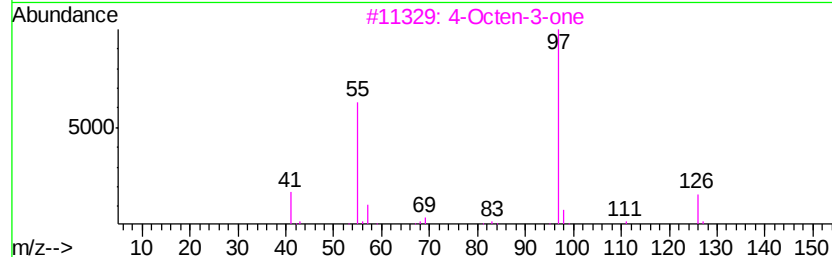
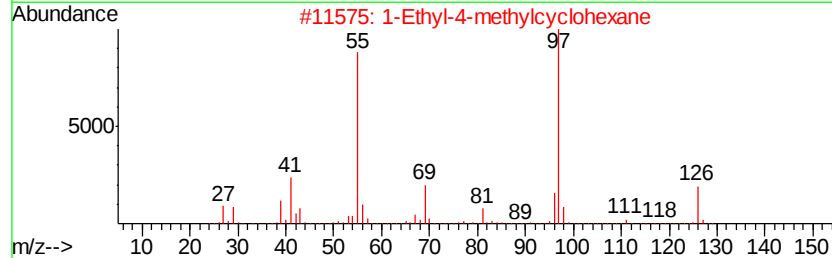
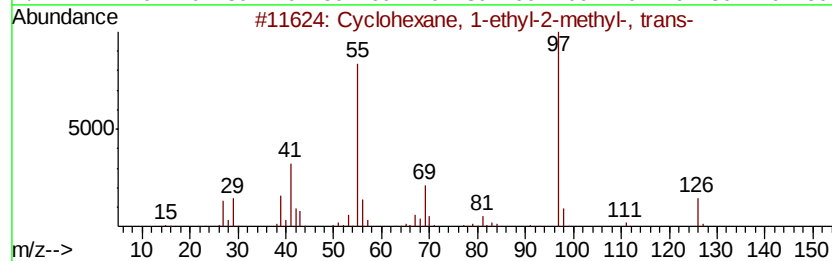
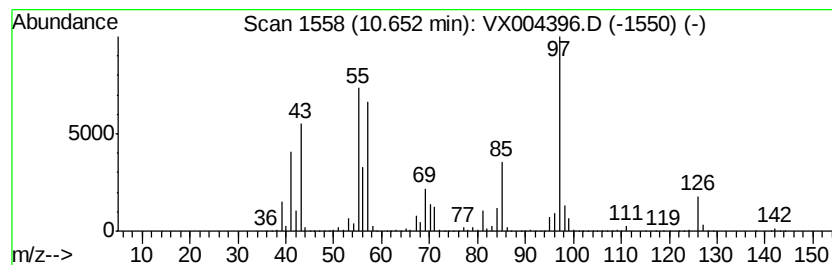
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	587.54 ug/l	15907700	Chlorobenzene-d5	10.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	60
2		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	60
3		4-Octen-3-one	126	C8H14O	014129-48-7	49
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	49
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	49



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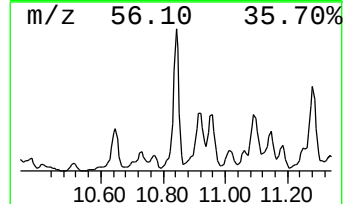
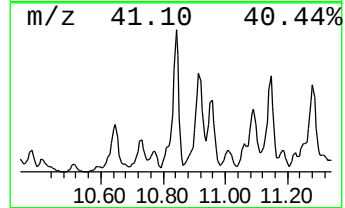
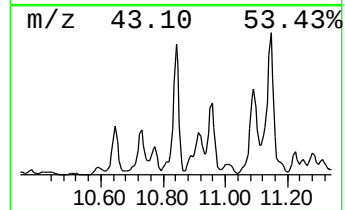
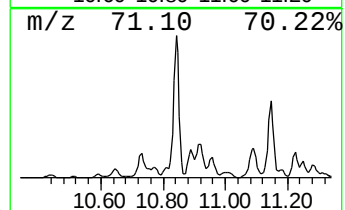
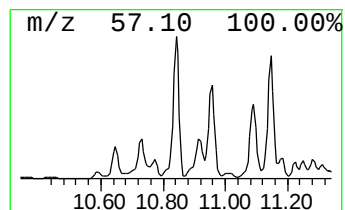
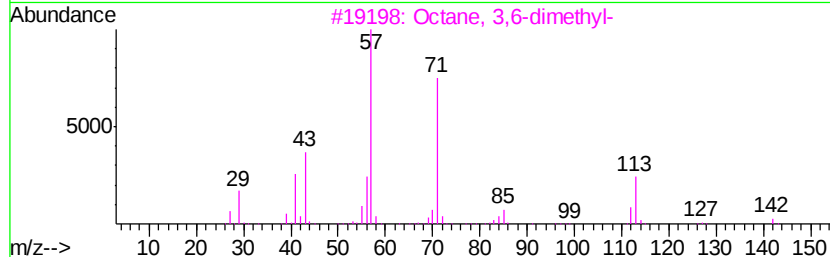
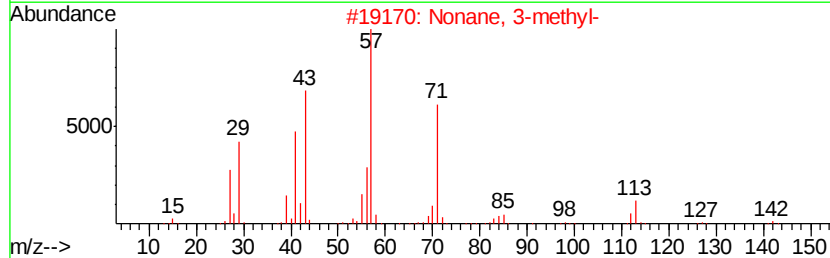
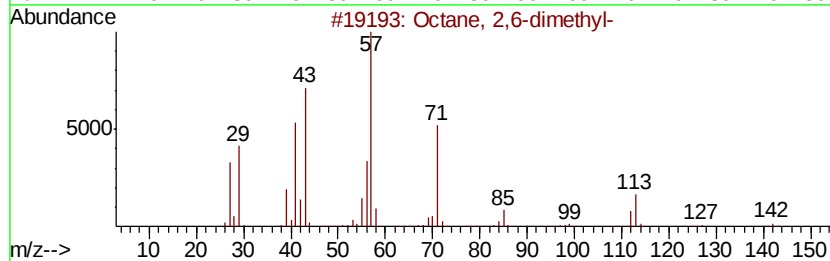
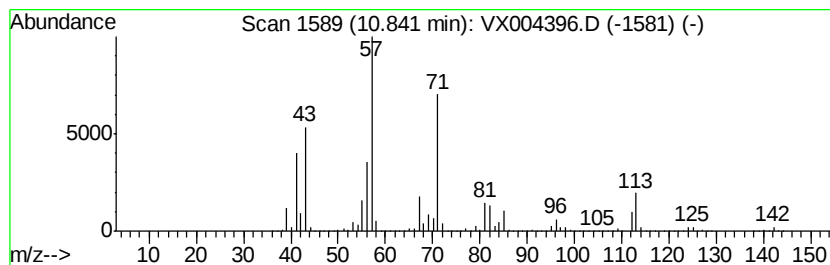
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	1428.42 ug/l	38675100	Chlorobenzene-d5	10.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	83
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



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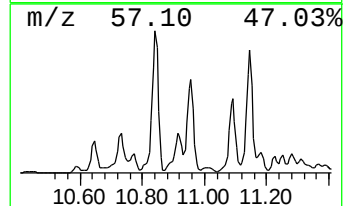
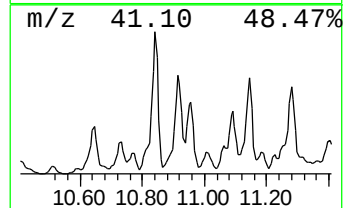
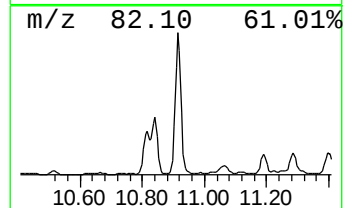
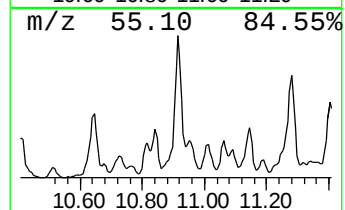
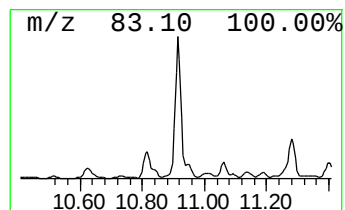
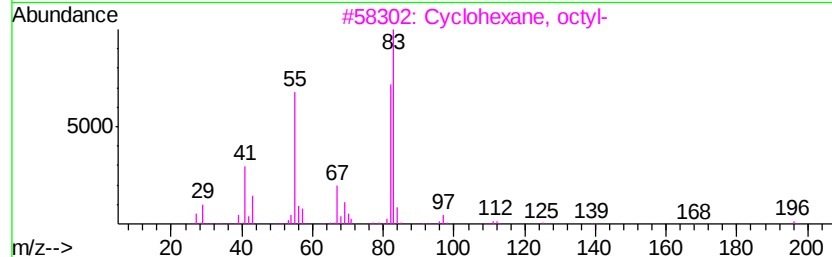
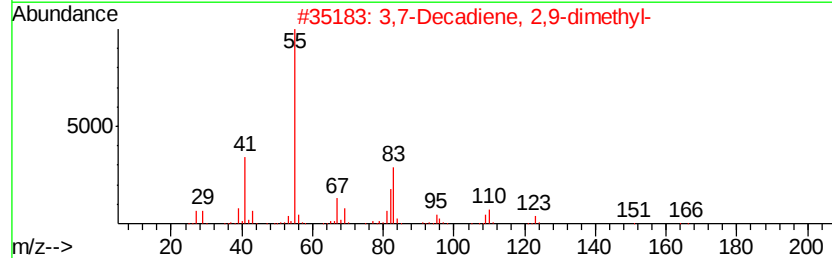
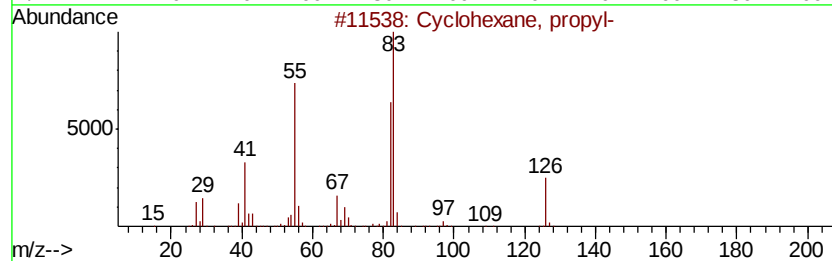
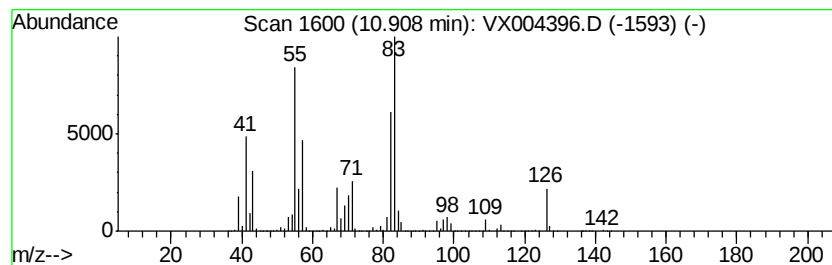
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	1206.12 ug/l	32656000	Chlorobenzene-d5	10.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2		3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	59
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	53



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MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

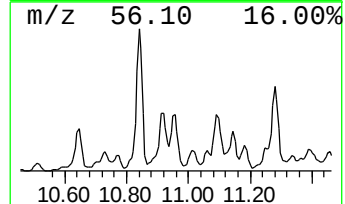
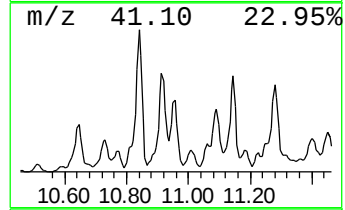
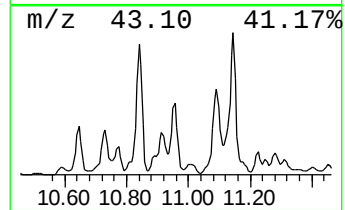
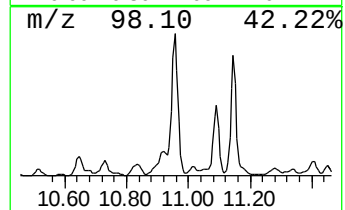
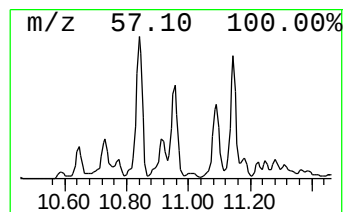
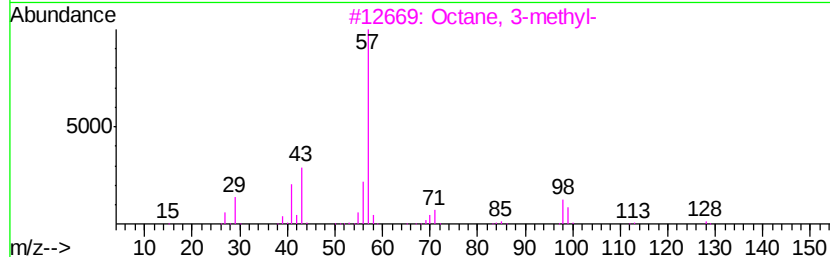
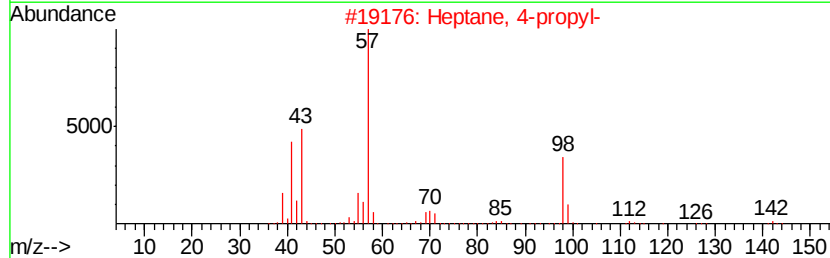
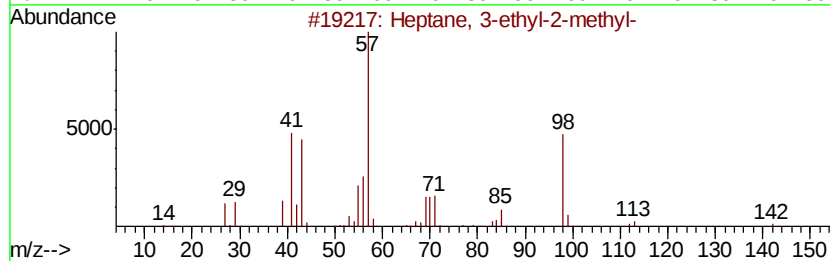
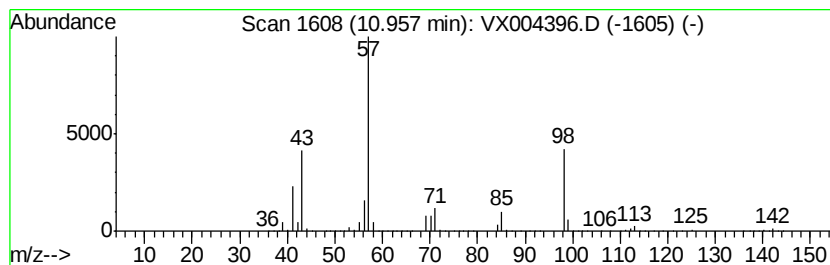
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Quant Title : SW846 8260

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

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	579.89 ug/l	15700600	Chlorobenzene-d5	10.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86
2		Heptane, 4-propyl-	142	C10H22	003178-29-8	64
3		Octane, 3-methyl-	128	C9H20	002216-33-3	47
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	45
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004396.D
Acq On : 06 Sep 2018 20:14
Operator : JC/MD
Sample : J4724-15
Misc : 3.78µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

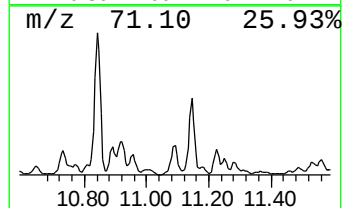
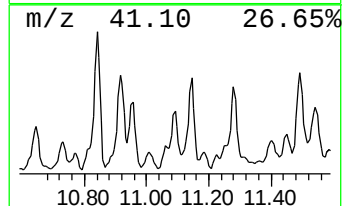
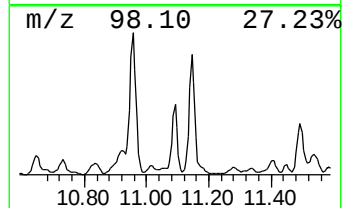
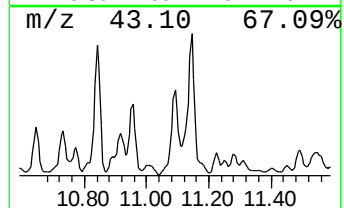
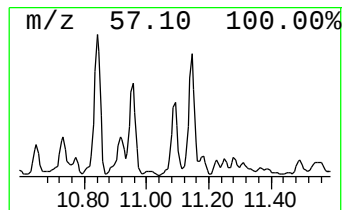
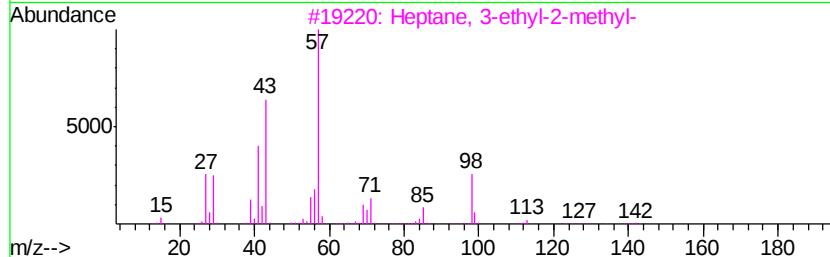
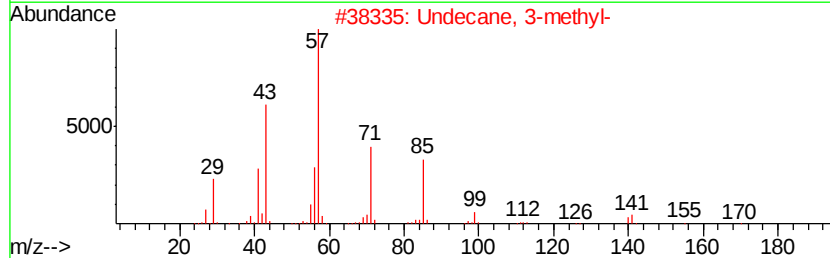
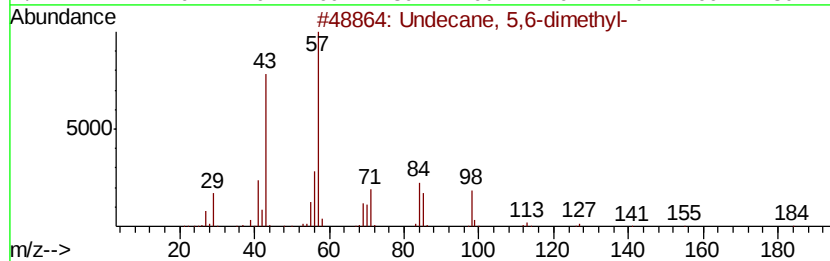
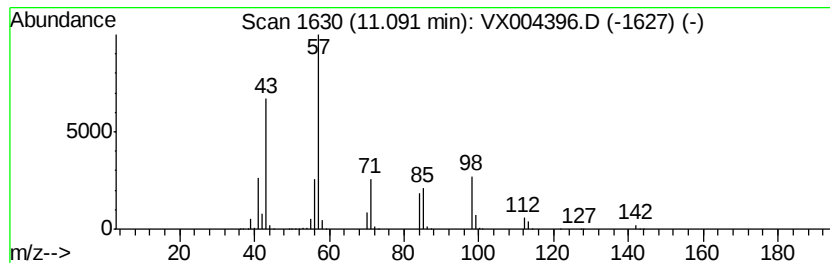
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Quant Title : SW846 8260

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

Peak Number 5 Undecane, 5,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	409.97 ug/l	11100100	Chlorobenzene-d5	10.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50	
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	47	
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47	
4	Decane	142	C10H22	000124-18-5	38	
5	Dotriacontane	451	C32H66	000544-85-4	38	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004396.D
Acq On : 06 Sep 2018 20:14
Operator : JC/MD
Sample : J4724-15
Misc : 3.78µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

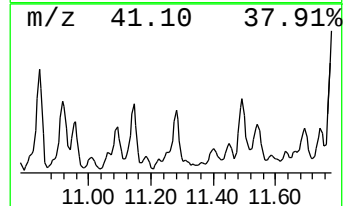
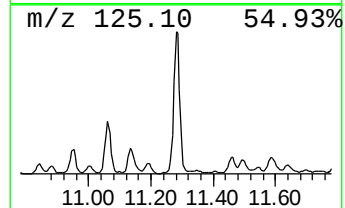
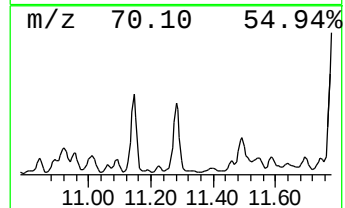
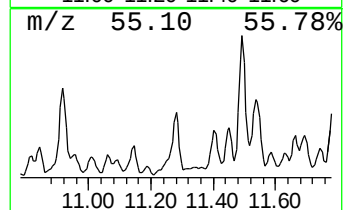
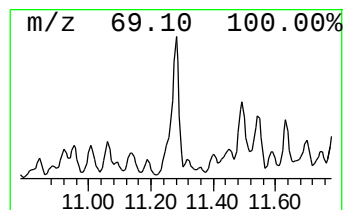
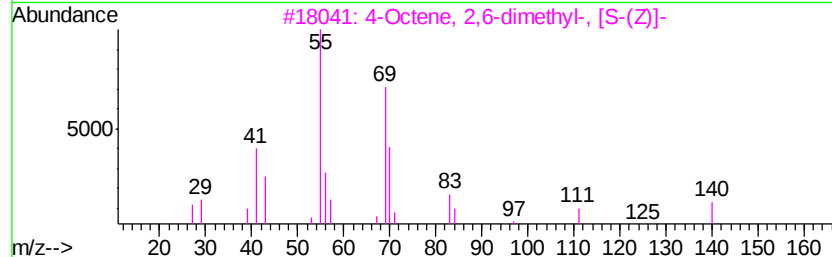
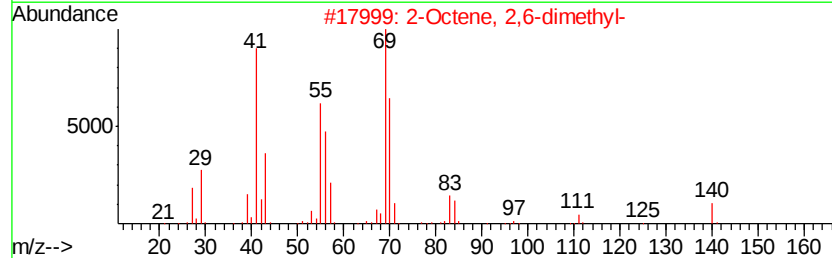
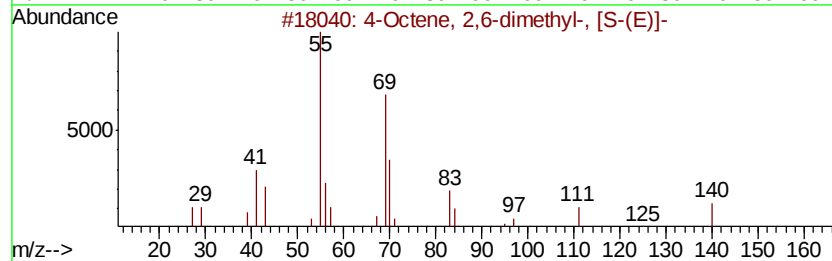
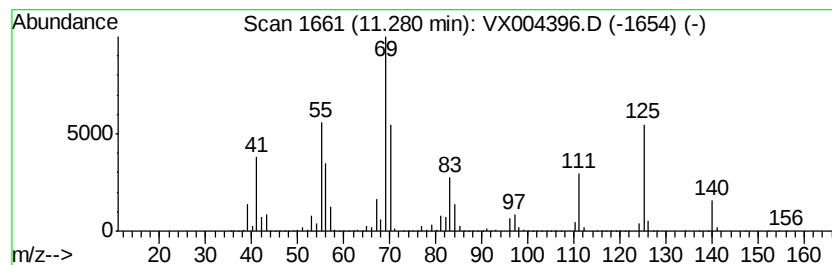
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 6 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	495.09 ug/l	30362300	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140 C10H20	062960-76-3	68
2	2-Octene, 2,6-dimethyl-	140 C10H20	004057-42-5	62
3	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140 C10H20	062960-77-4	59
4	Cyclohexane, 1,1,2,3-tetramethyl-	140 C10H20	006783-92-2	53
5	1-Hexene, 3,3,5-trimethyl-	126 C9H18	013427-43-5	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004396.D
Acq On : 06 Sep 2018 20:14
Operator : JC/MD
Sample : J4724-15
Misc : 3.78uL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

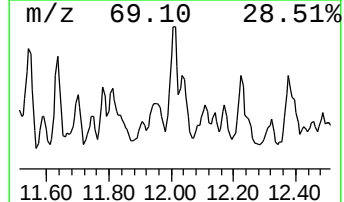
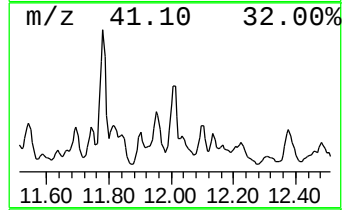
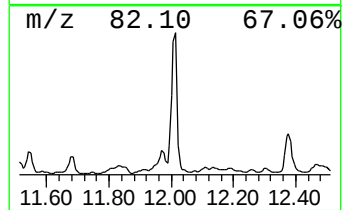
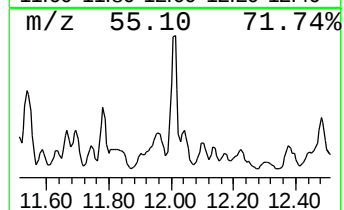
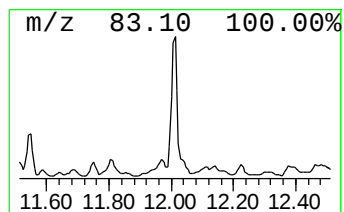
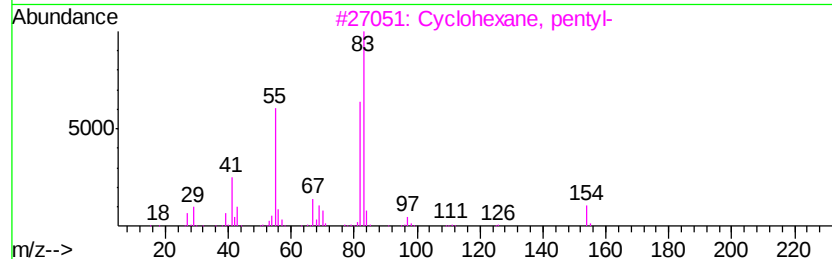
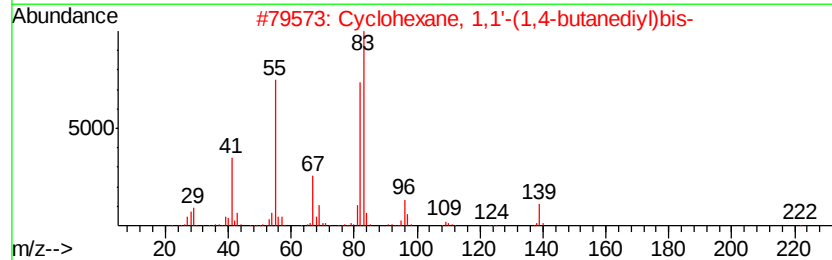
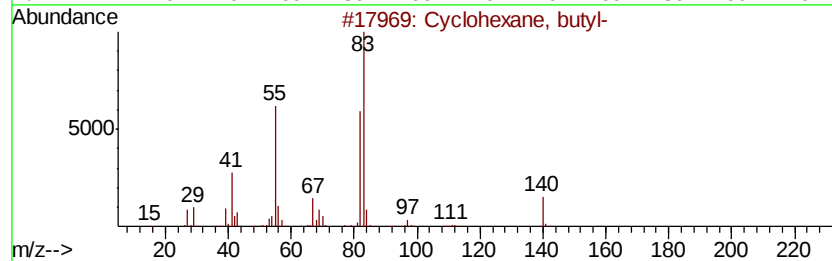
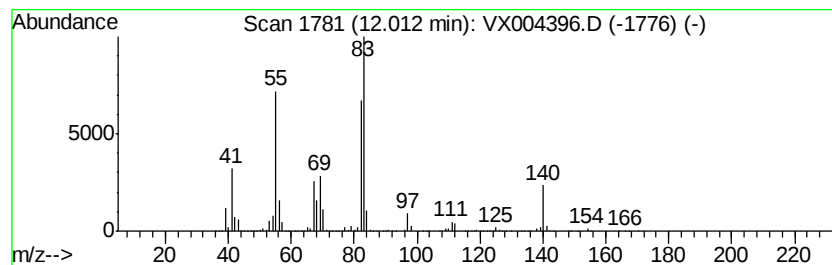
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.01	498.91 ug/l	30596100	1,4-Dichlorobenzene-d4	12.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, butyl-	140	C10H20	001678-93-9	81
2	Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	64
3	Cvclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004396.D
Acq On : 06 Sep 2018 20:14
Operator : JC/MD
Sample : J4724-15
Misc : 3.78µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

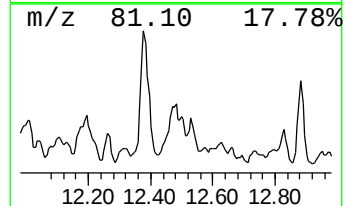
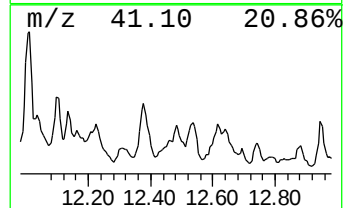
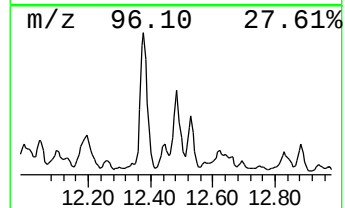
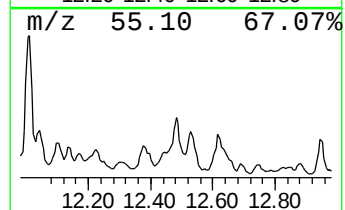
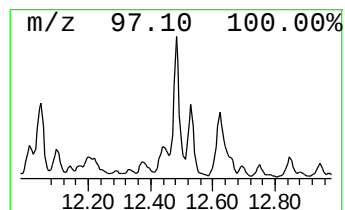
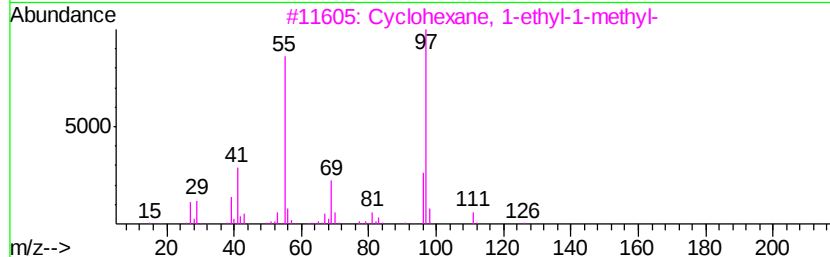
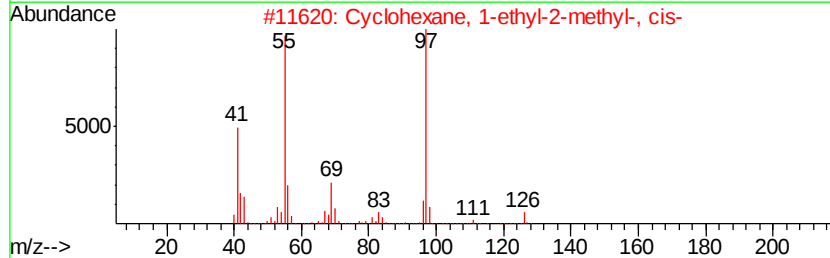
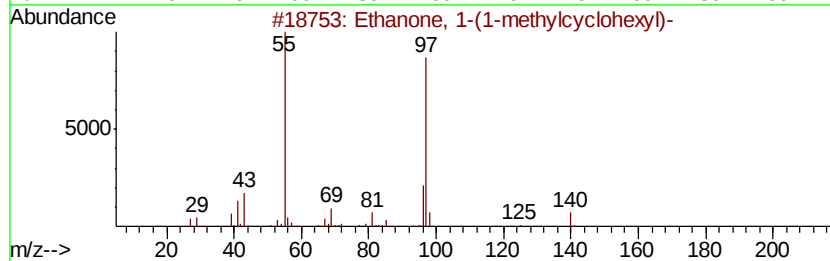
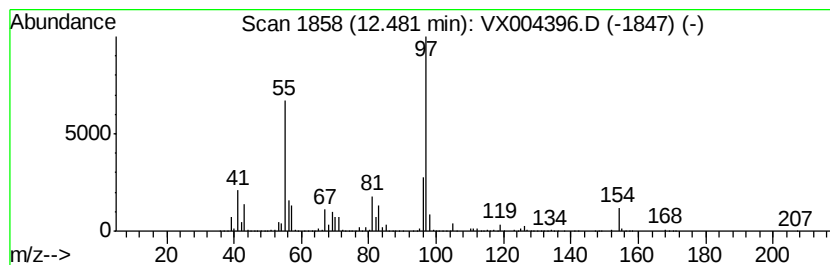
Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 9 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	343.01 ug/l	21035800	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140 C9H16O	002890-62-2	59
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126 C9H18	004923-77-7	53
3	Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3	53
4	2,2,3,3-Tetramethylcyclopropanec...	238 C15H26O2	1000221-97-5	53
5	Cyclohexanone, 3-butyl-	154 C10H18O	039178-69-3	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004396.D
Acq On : 06 Sep 2018 20:14
Operator : JC/MD
Sample : J4724-15
Misc : 3.78µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

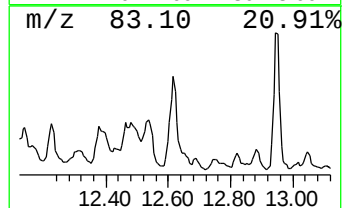
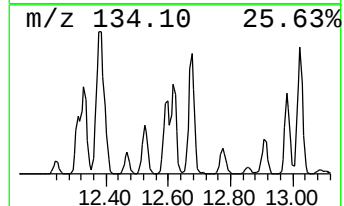
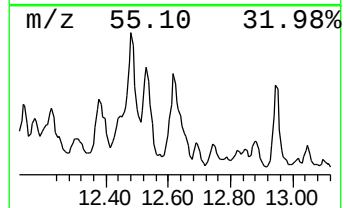
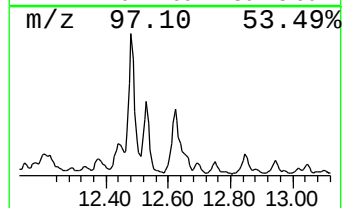
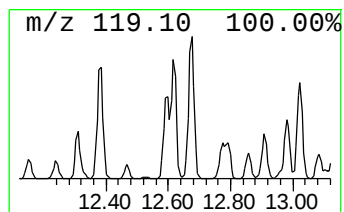
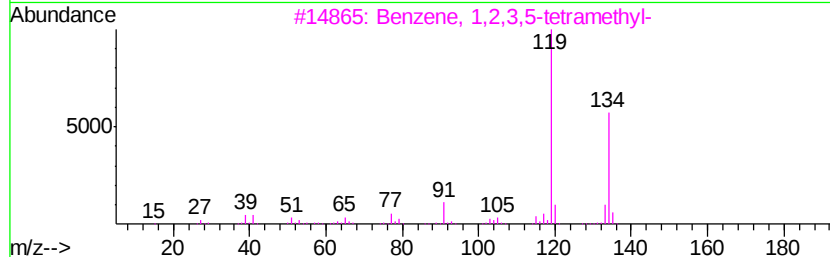
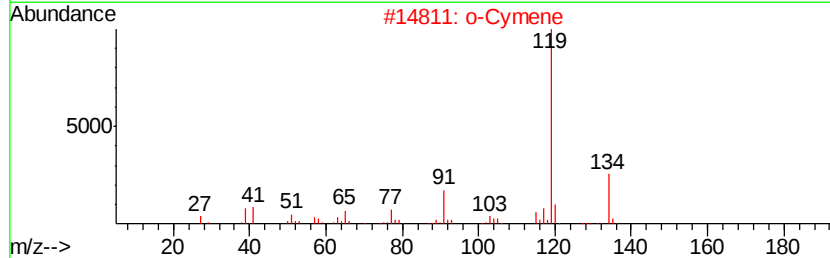
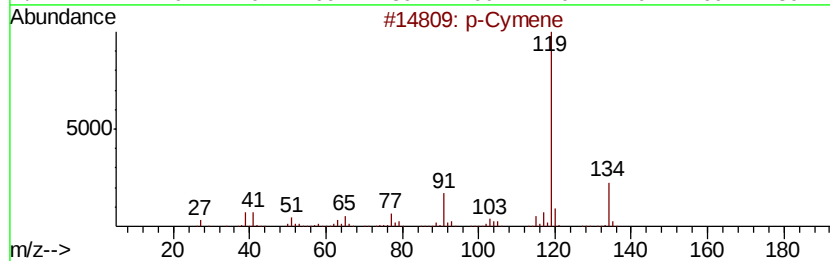
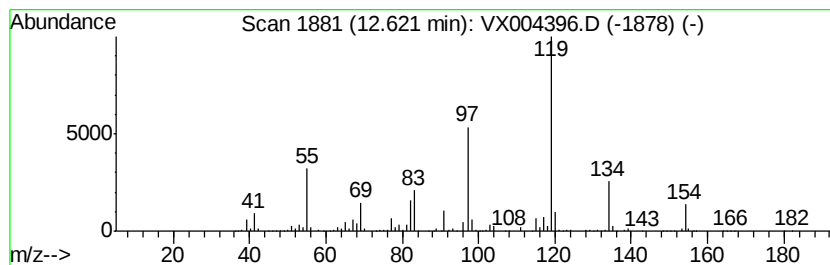
Instrument :
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ClientSampleId :
EP1-SUT-8USTS-E

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

Peak Number 10 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.62	349.84 ug/l	21454300	1,4-Dichlorobenzene-d4	12.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	86
2	o-Cymene	134	C10H14	000527-84-4	86
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090618\
Data File : VX004396.D
Acq On : 06 Sep 2018 20:14
Operator : JC/MD
Sample : J4724-15
Misc : 3.78g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SUT-8USTS-E

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.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
Cyclohexane, 1-et...	10.65	587.5	ug/l	15907700	3	10.12	1353770	50.0
Octane, 2,6-dimet...	10.84	1428.4	ug/l	38675100	3	10.12	1353770	50.0
Cyclohexane, propyl-	10.91	1206.1	ug/l	32656000	3	10.12	1353770	50.0
Heptane, 3-ethyl-...	10.96	579.9	ug/l	15700600	3	10.12	1353770	50.0
Undecane, 5,6-dim...	11.09	410.0	ug/l	11100100	3	10.12	1353770	50.0
4-Octene, 2,6-dim...	11.28	495.1	ug/l	30362300	4	12.08	3066320	50.0
Cyclohexane, butyl-	12.01	498.9	ug/l	30596100	4	12.08	3066320	50.0
Ethanone, 1-(1-me...	12.48	343.0	ug/l	21035800	4	12.08	3066320	50.0
p-Cymene	12.62	349.8	ug/l	21454300	4	12.08	3066320	50.0