

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001459.D
 Acq On : 31 Jan 2020 16:37
 Operator : SY/MD
 Sample : L1351-03
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-3

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_Y\METHODS\82Y012120S.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	4.743	484	493	506	rBV2	12874	41199	2.29%	0.276%
2	7.005	854	864	879	rBV2	23276	70891	3.94%	0.474%
3	7.748	976	986	991	rBV	106935	250730	13.95%	1.677%
4	7.815	991	997	1009	rVB	187116	415628	23.12%	2.780%
5	8.169	1041	1055	1069	rBV2	111920	257039	14.30%	1.719%
6	8.712	1134	1144	1158	rVB	309570	596341	33.17%	3.988%
7	10.193	1380	1387	1396	rBV	474532	819029	45.55%	5.478%
8	10.595	1447	1453	1459	rBV	26455	48845	2.72%	0.327%
9	10.961	1508	1513	1519	rVB2	19454	32963	1.83%	0.220%
10	11.303	1559	1569	1570	rVV4	9792	19908	1.11%	0.133%
11	11.327	1571	1573	1579	rVB	14180	21534	1.20%	0.144%
12	11.504	1593	1602	1608	rBV	454149	751712	41.81%	5.027%
13	11.577	1611	1614	1621	rVB	19160	30527	1.70%	0.204%
14	11.723	1628	1638	1640	rBV3	34864	66272	3.69%	0.443%
15	11.754	1640	1643	1647	rVV2	36098	63633	3.54%	0.426%
16	11.949	1671	1675	1679	rVV3	20037	29821	1.66%	0.199%
17	12.016	1679	1686	1692	rVV6	27932	62985	3.50%	0.421%
18	12.132	1698	1705	1709	rVB2	44623	84538	4.70%	0.565%
19	12.211	1713	1718	1721	rVV4	29682	53146	2.96%	0.355%
20	12.260	1721	1726	1731	rVB3	38295	78224	4.35%	0.523%
21	12.394	1743	1748	1750	rBV4	16812	28615	1.59%	0.191%
22	12.424	1750	1753	1755	rVV	24256	28385	1.58%	0.190%
23	12.479	1755	1762	1770	rVV2	523581	1260308	70.10%	8.429%
24	12.583	1773	1779	1783	rVB4	35760	68741	3.82%	0.460%
25	12.638	1783	1788	1798	rVB2	155142	416018	23.14%	2.782%
26	12.747	1798	1806	1809	rBV4	73265	145599	8.10%	0.974%
27	12.821	1809	1818	1837	rVB3	310984	859261	47.79%	5.747%
28	12.985	1837	1845	1848	rBV2	44422	122148	6.79%	0.817%
29	13.052	1851	1856	1857	rVV	153036	210706	11.72%	1.409%
30	13.083	1857	1861	1865	rVV	410463	615303	34.22%	4.115%
31	13.132	1865	1869	1873	rVB	153919	219453	12.21%	1.468%
32	13.186	1873	1878	1884	rVB	181948	277861	15.45%	1.858%
33	13.296	1885	1896	1905	rBV	795718	1596216	88.78%	10.676%
34	13.369	1905	1908	1911	rVV4	56989	80569	4.48%	0.539%

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35	13.436	1911	1919	1923	rVV2	418707	854990	47.55%	5.718%
36	13.491	1923	1928	1938	rVB	777637	1797901	100.00%	12.024%
37	13.601	1938	1946	1948	rBV4	43876	82206	4.57%	0.550%
38	13.656	1948	1955	1963	rVB3	278705	671030	37.32%	4.488%
39	13.759	1968	1972	1976	rBV2	125197	173617	9.66%	1.161%
40	13.839	1981	1985	1990	rVB2	106126	184283	10.25%	1.232%
41	13.894	1990	1994	1996	rBV2	35629	43487	2.42%	0.291%
42	13.924	1996	1999	2003	rVV	55466	75060	4.17%	0.502%
43	13.979	2004	2008	2021	rVB5	105663	297663	16.56%	1.991%
44	14.089	2021	2026	2031	rBV3	76705	119600	6.65%	0.800%
45	14.144	2031	2035	2038	rBV5	36728	67038	3.73%	0.448%
46	14.223	2044	2048	2052	rBV2	26059	37767	2.10%	0.253%
47	14.272	2052	2056	2058	rVV4	21148	35155	1.96%	0.235%
48	14.308	2059	2062	2065	rVV2	35851	58357	3.25%	0.390%
49	14.345	2065	2068	2071	rVV	46897	61886	3.44%	0.414%
50	14.393	2071	2076	2086	rVB2	134780	290267	16.14%	1.941%
51	14.534	2094	2099	2102	rBV2	30532	46459	2.58%	0.311%
52	14.576	2103	2106	2111	rVV6	16548	25232	1.40%	0.169%
53	14.625	2111	2114	2118	rVB3	17294	21554	1.20%	0.144%
54	14.686	2118	2124	2130	rBV3	45464	97069	5.40%	0.649%
55	14.741	2130	2133	2139	rVB6	18951	34476	1.92%	0.231%
56	15.058	2181	2185	2190	rVB5	11537	22529	1.25%	0.151%
57	15.241	2208	2215	2221	rVB2	40802	83302	4.63%	0.557%
58	15.326	2225	2229	2236	rVB	14687	28678	1.60%	0.192%
59	16.503	2416	2422	2428	rBV8	7783	18345	1.02%	0.123%

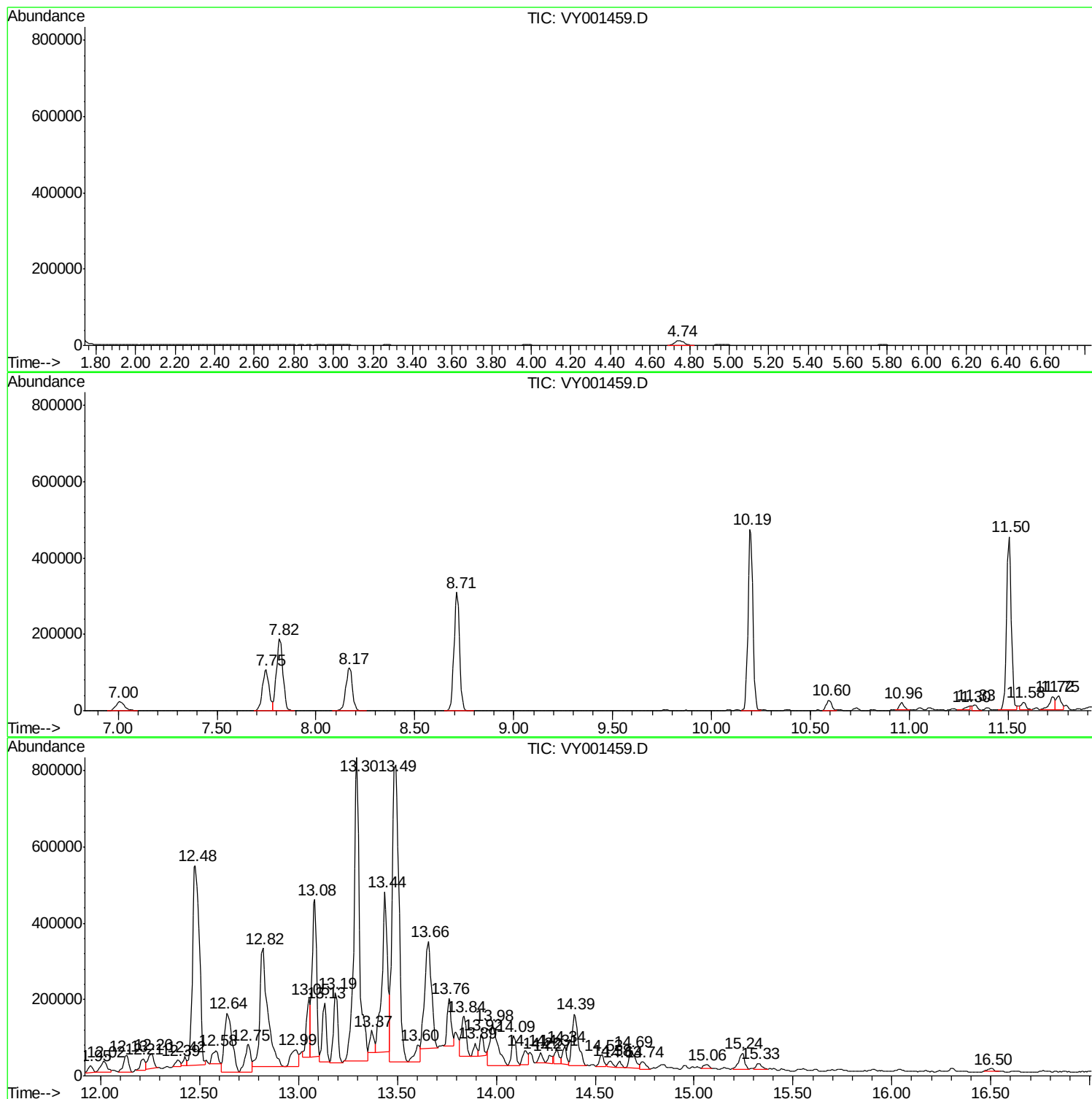
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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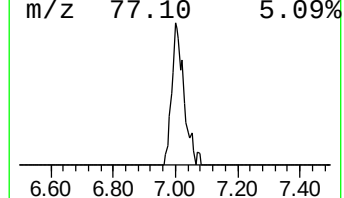
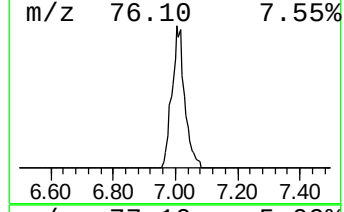
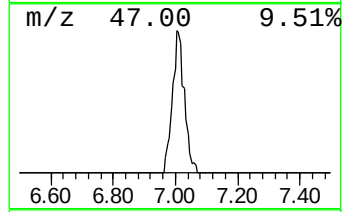
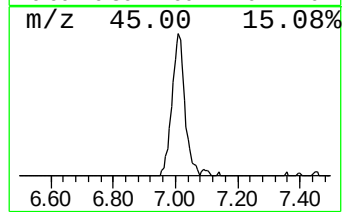
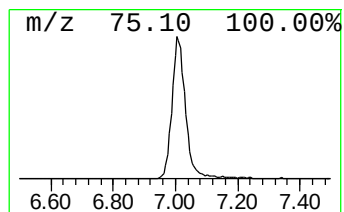
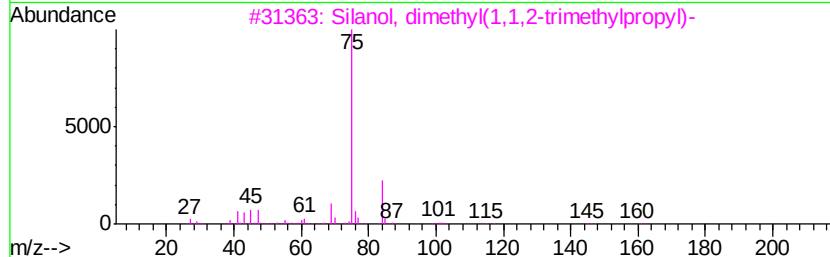
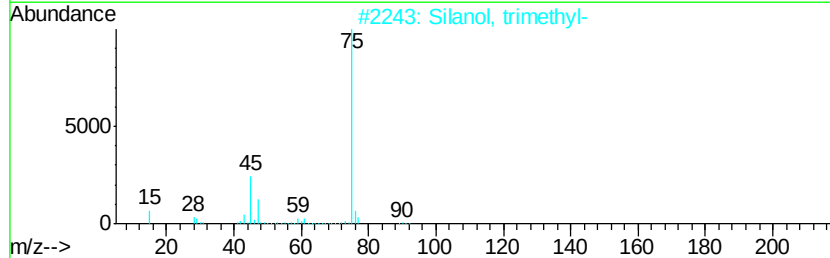
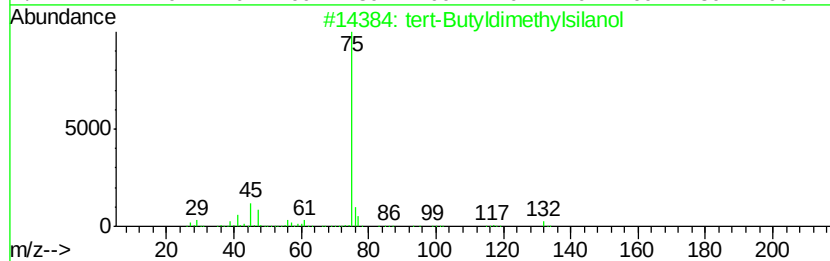
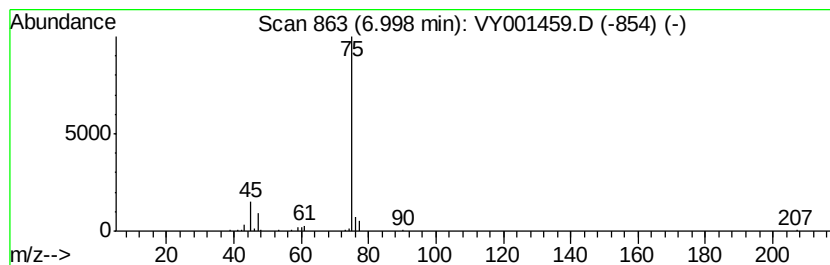
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 1 tert-Butyldimethylsilanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	8.53 ug/l	70891	Pentafluorobenzene	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	83
2		Silanol, trimethyl-	90	C3H10OSi	001066-40-6	78
3		Silanol, dimethyl(1,1,2-trimethylpropyl)-	160	C8H20OSi	055644-10-5	78
4		Silanol, trimethyl-, propanoate	146	C6H14O2Si	016844-98-7	64
5		Propanoic acid, 2-methyl-, tert-butyl ester	202	C10H22O2Si	111864-21-2	64



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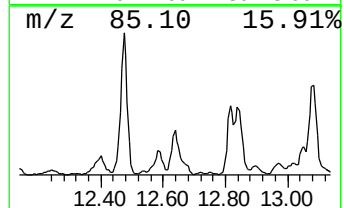
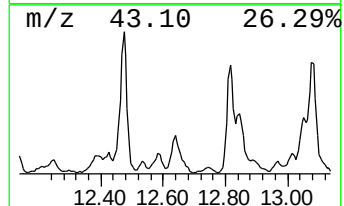
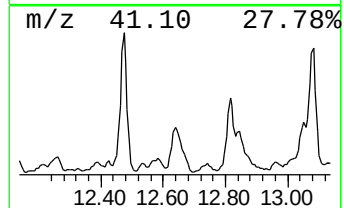
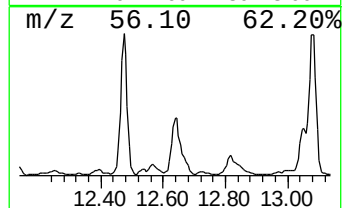
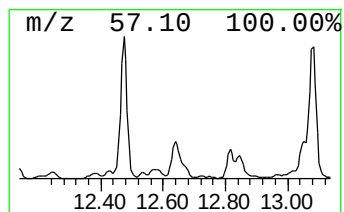
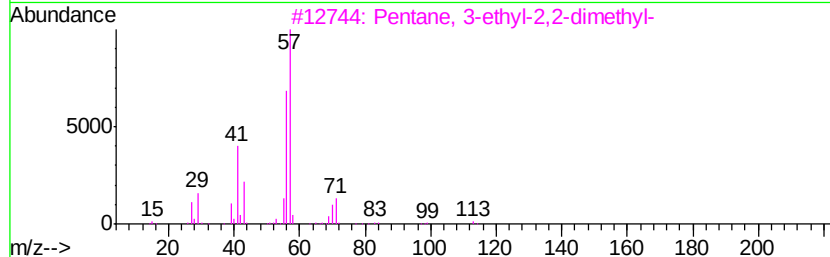
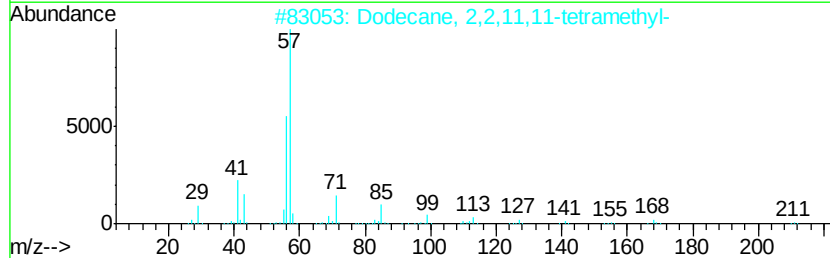
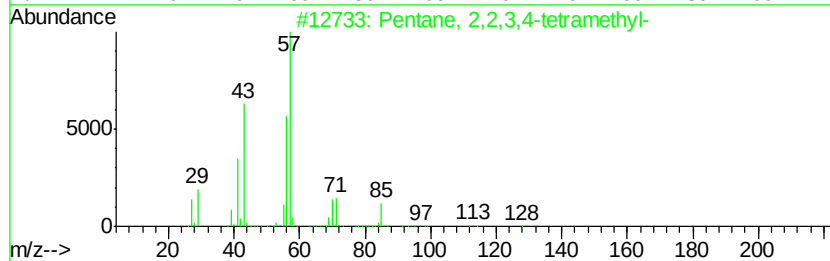
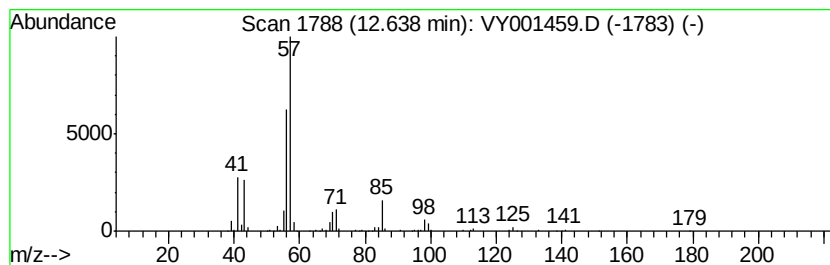
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	24.33 ug/l	416018	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
2		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
3		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
4		Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	59
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59



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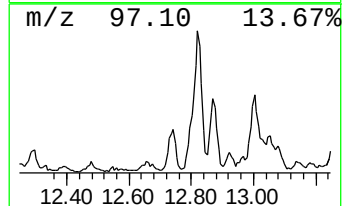
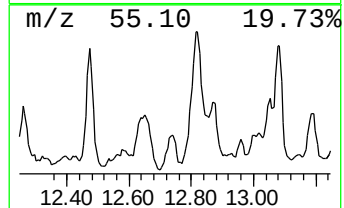
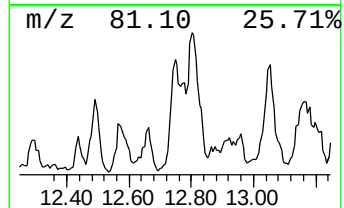
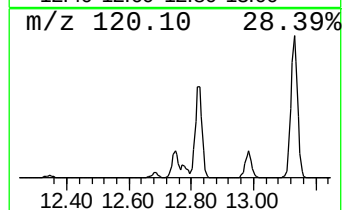
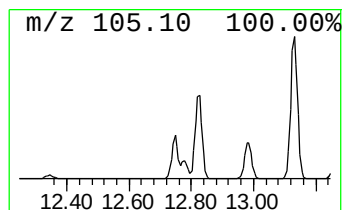
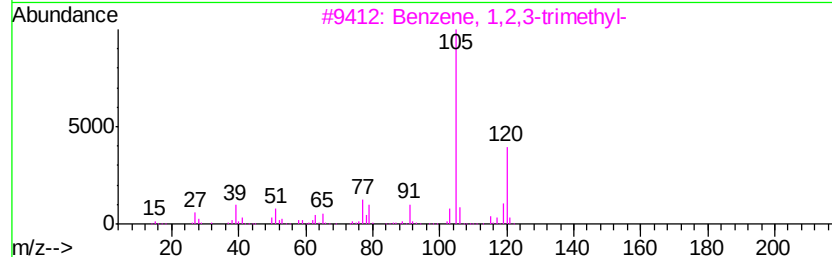
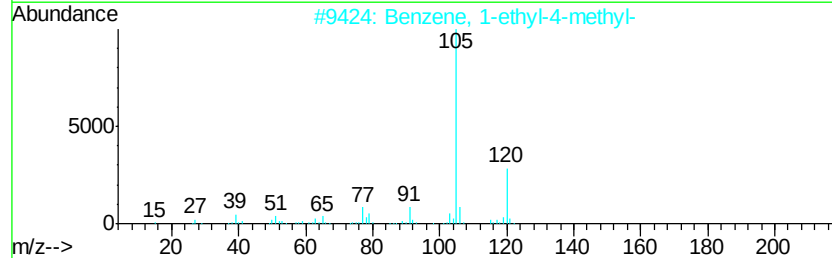
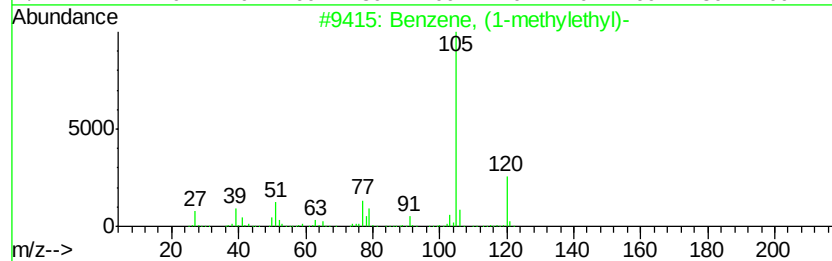
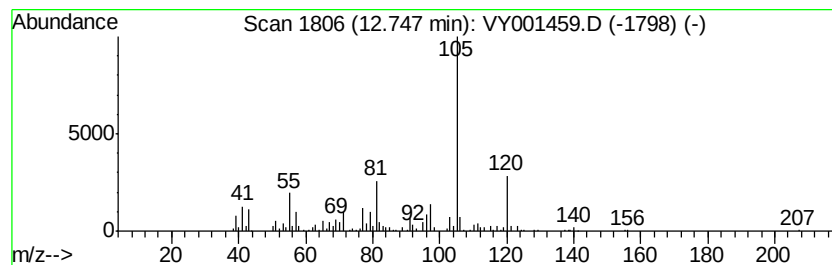
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	8.51 ug/l	145599	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58



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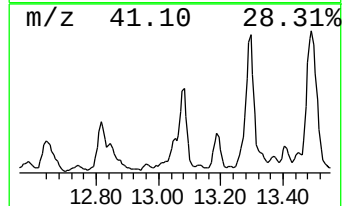
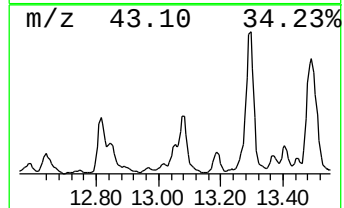
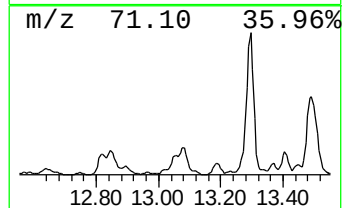
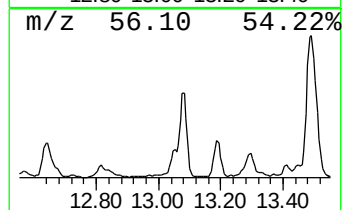
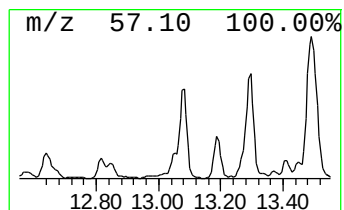
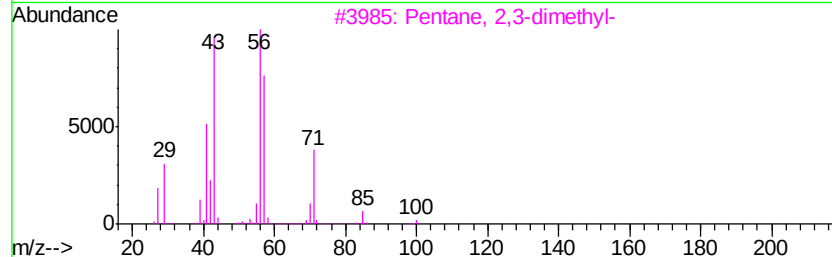
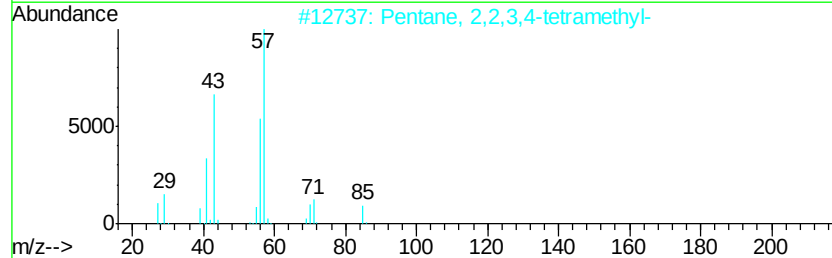
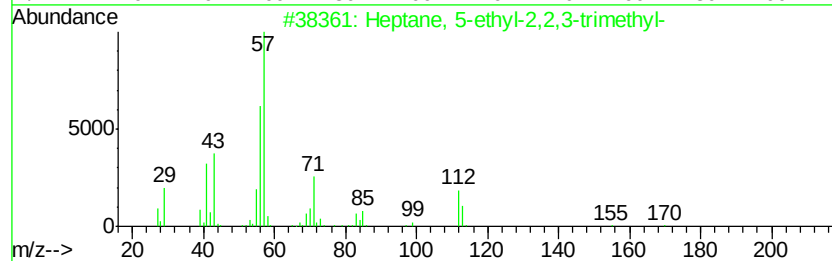
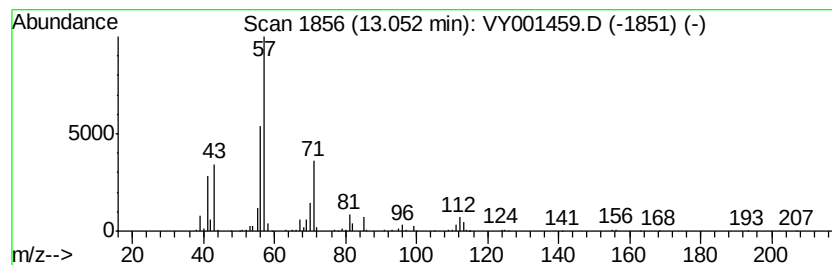
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Quant Title : SW846 8260

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

Peak Number 4 Heptane, 5-ethyl-2,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	12.32 ug/l	210706	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	78	
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59	
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	59	
4	Isobutyl octyl carbonate	230	C13H26O3	1000372-74-6	53	
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50	



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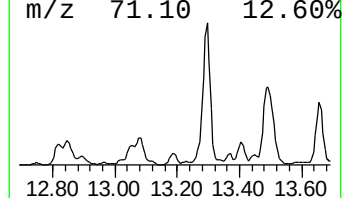
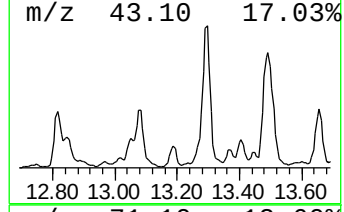
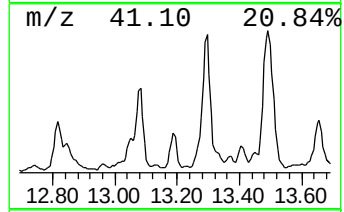
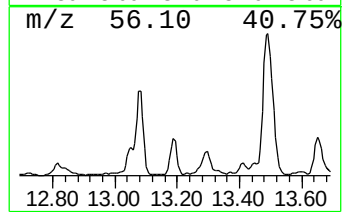
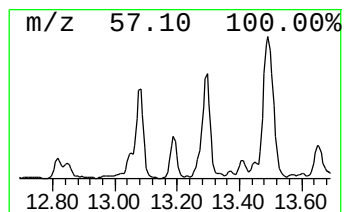
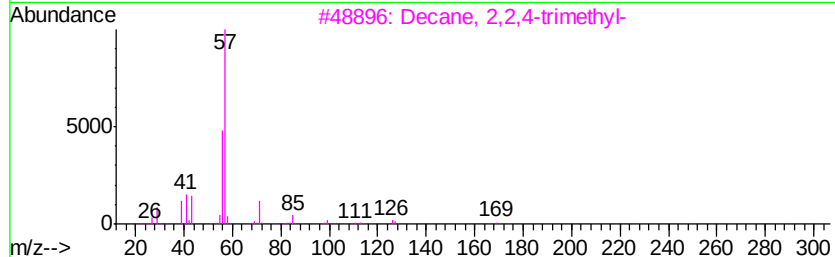
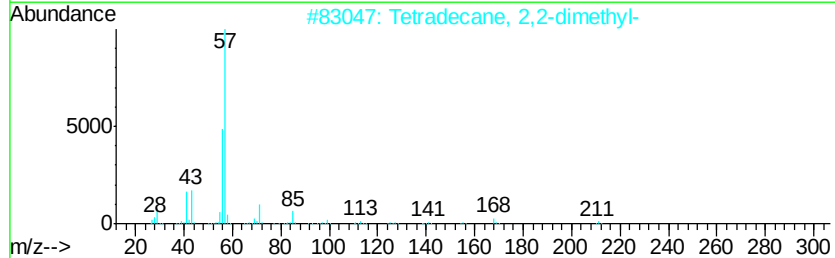
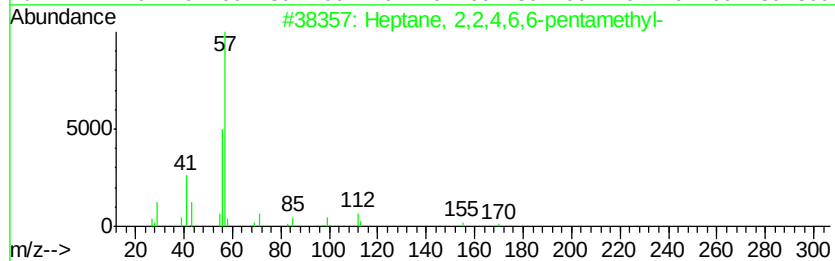
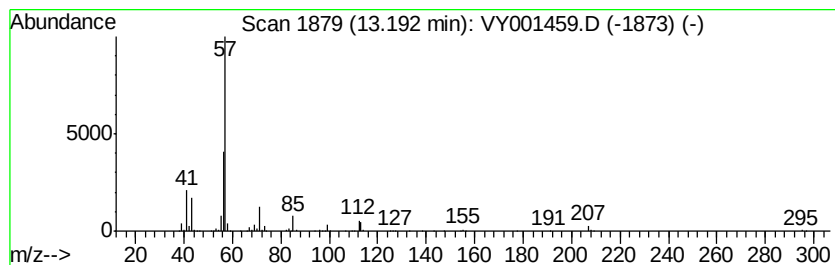
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Quant Title : SW846 8260

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

Peak Number 5 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	16.25 ug/l	277861	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72	
2	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72	
3	Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	72	
4	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64	
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001459.D
Acq On : 31 Jan 2020 16:37
Operator : SY/MD
Sample : L1351-03
Misc : 5.10G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TAL-3

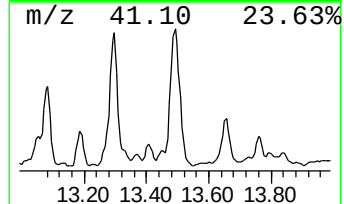
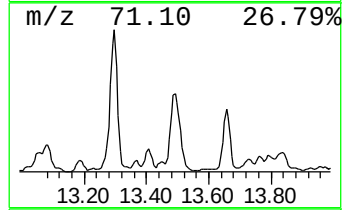
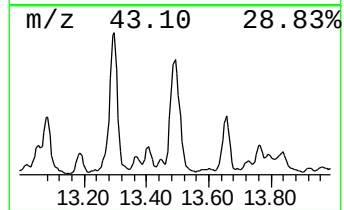
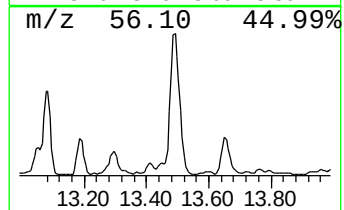
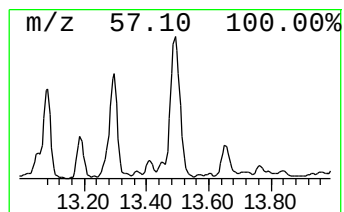
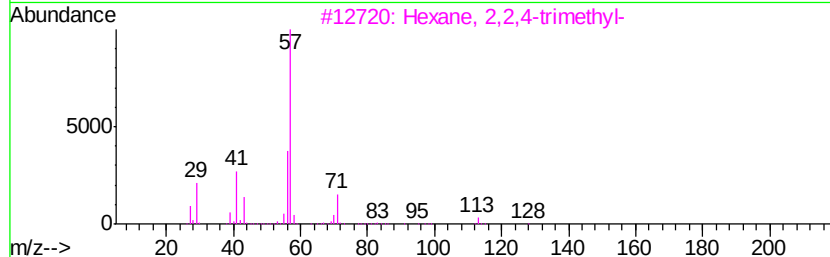
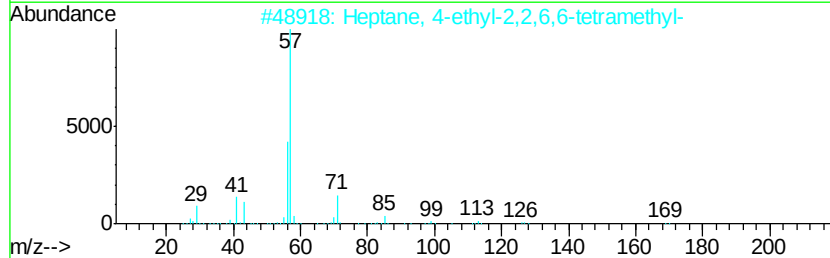
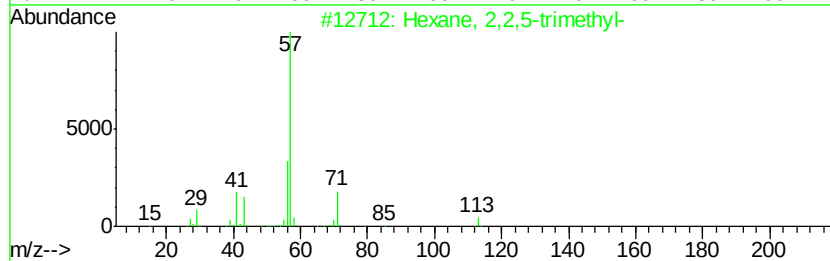
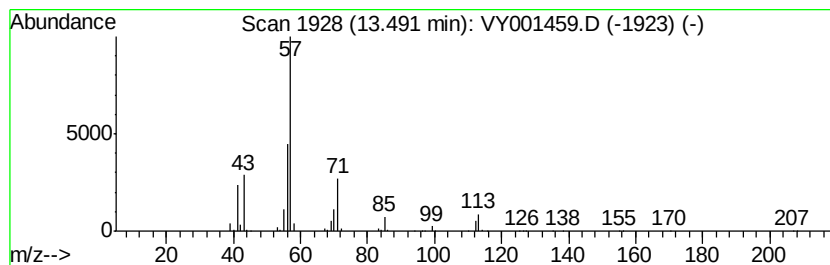
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 2,2,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	105.14 ug/l	1797900	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2		Heptane, 4-ethyl-2,2,6,6-tetramethyl-	184	C13H28	062108-31-0	72
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001459.D
Acq On : 31 Jan 2020 16:37
Operator : SY/MD
Sample : L1351-03
Misc : 5.10G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TAL-3

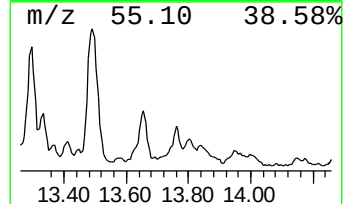
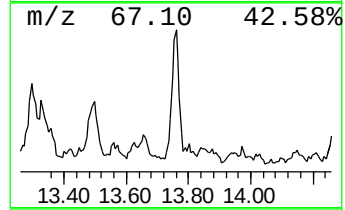
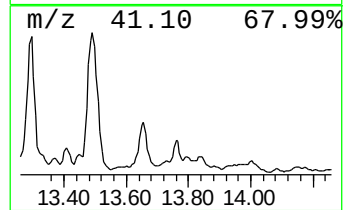
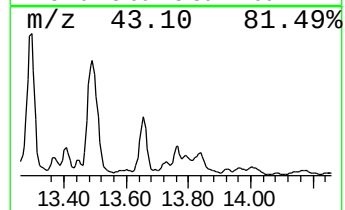
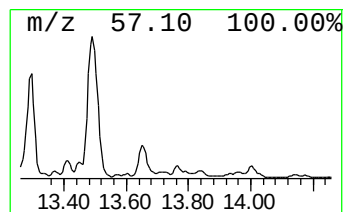
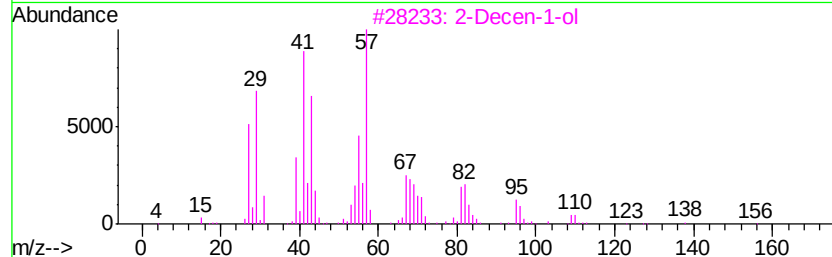
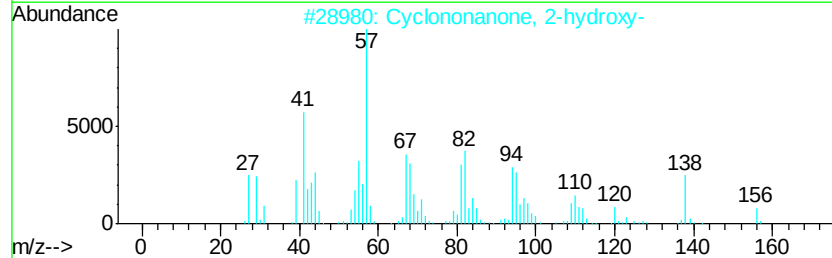
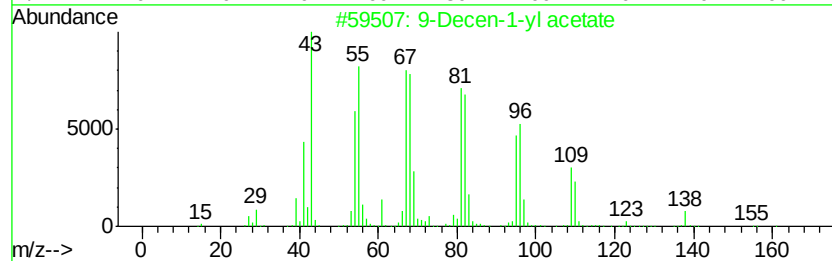
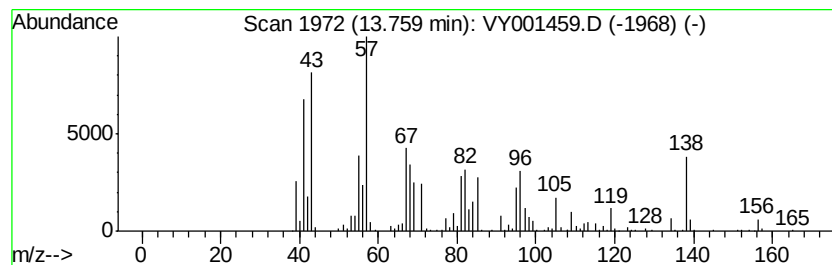
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Quant Title : SW846 8260

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

Peak Number 7 unknown13.76 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	10.15 ug/l	173617	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Decen-1-yl acetate	198	C12H22O2	050816-18-7	43
2		Cyclononane, 2-hydroxy-	156	C9H16O2	000496-83-3	38
3		2-Decen-1-ol	156	C10H20O	022104-80-9	25
4		Bicyclo[8.2.0]dodecane, 11,11-di...	194	C14H26	062338-29-8	25
5		10-Undecen-1-yl acetate	212	C13H24O2	000112-19-6	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001459.D
Acq On : 31 Jan 2020 16:37
Operator : SY/MD
Sample : L1351-03
Misc : 5.10G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
TAL-3

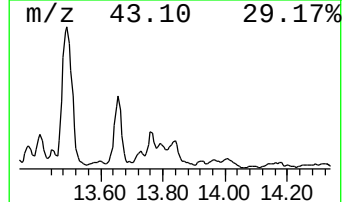
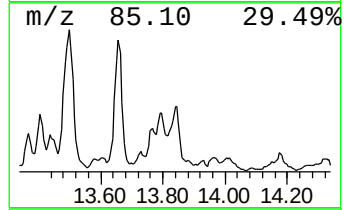
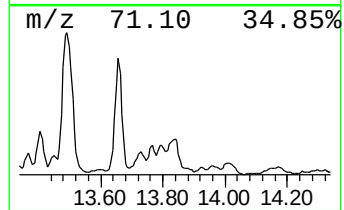
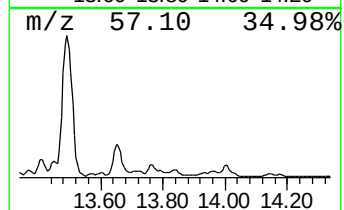
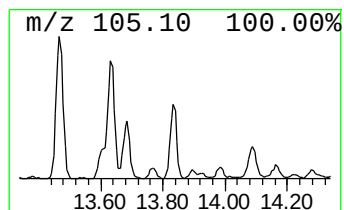
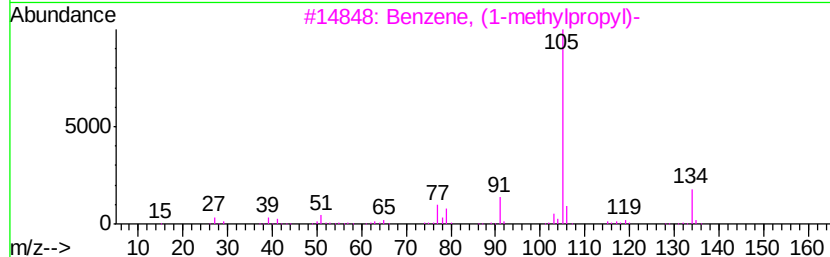
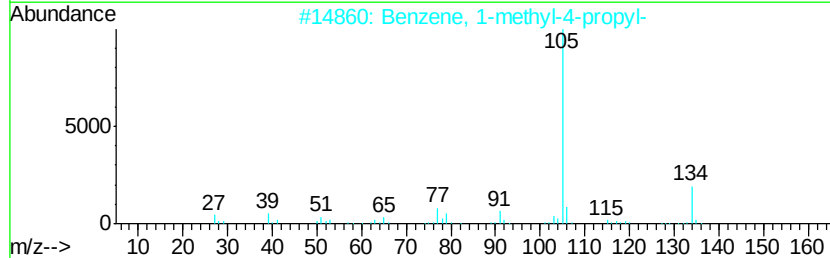
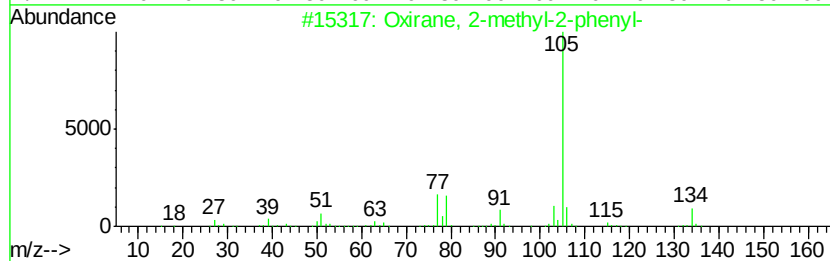
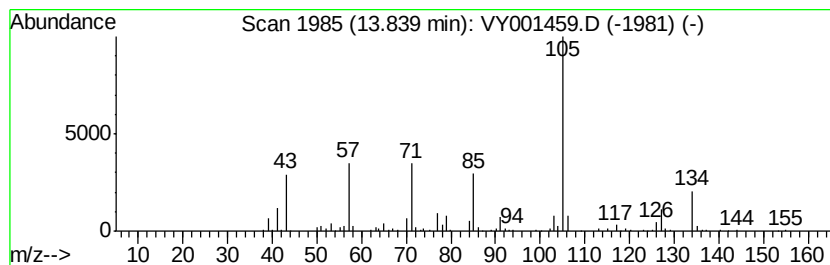
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 8 Oxirane, 2-methyl-2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	10.78 ug/l	184283	1,4-Dichlorobenzene-d4	13.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	50
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	45
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	41
5			2-Tolyloxirane	134	C9H10O	002783-26-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001459.D
Acq On : 31 Jan 2020 16:37
Operator : SY/MD
Sample : L1351-03
Misc : 5.10G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
TAL-3

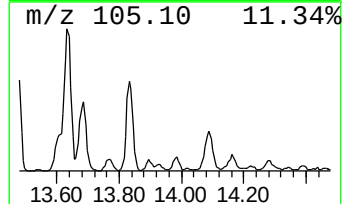
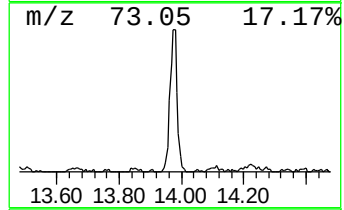
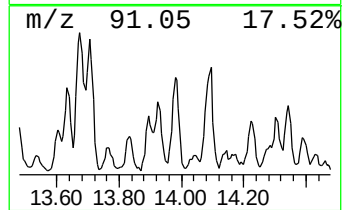
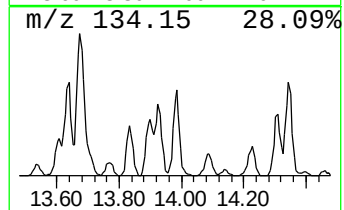
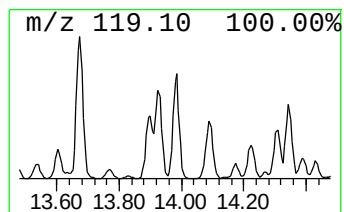
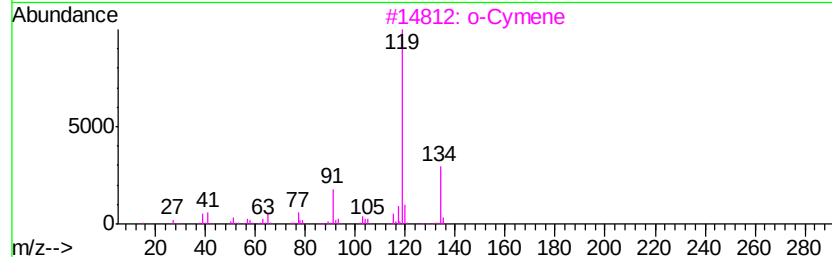
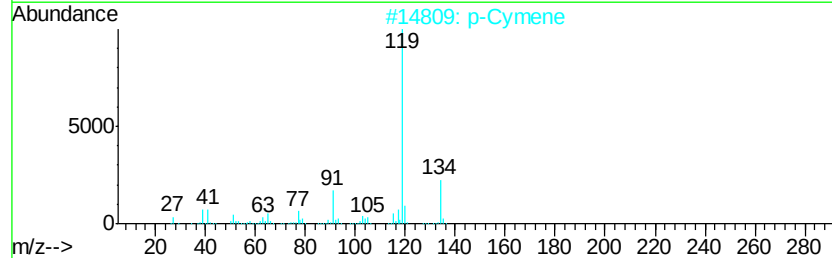
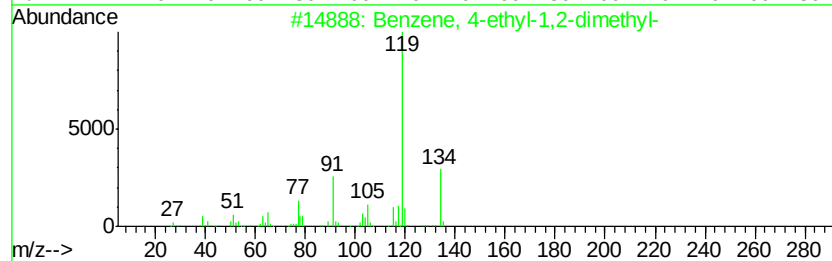
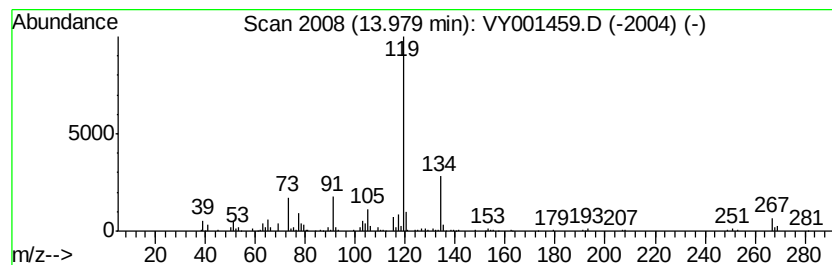
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	17.41 ug/l	297663	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		p-Cymene	134	C10H14	000099-87-6	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001459.D
Acq On : 31 Jan 2020 16:37
Operator : SY/MD
Sample : L1351-03
Misc : 5.10G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
TAL-3

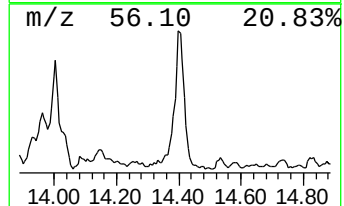
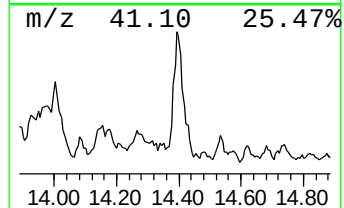
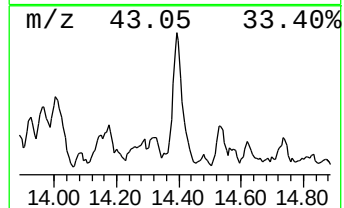
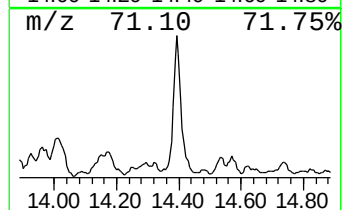
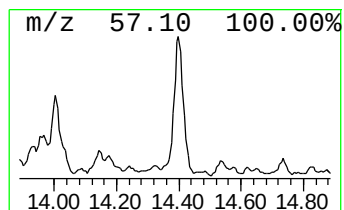
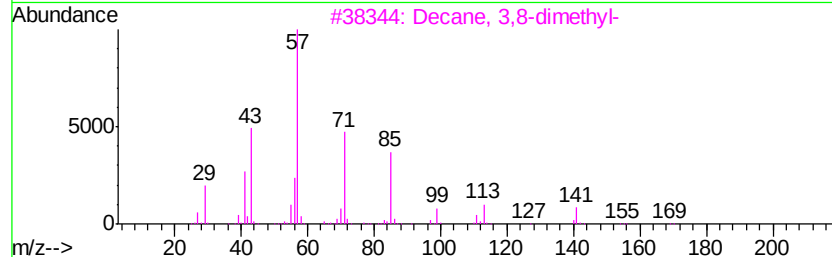
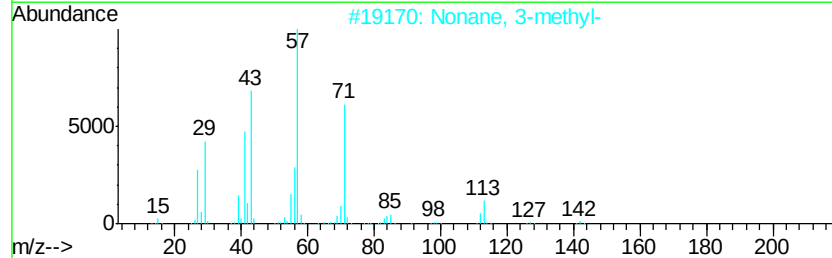
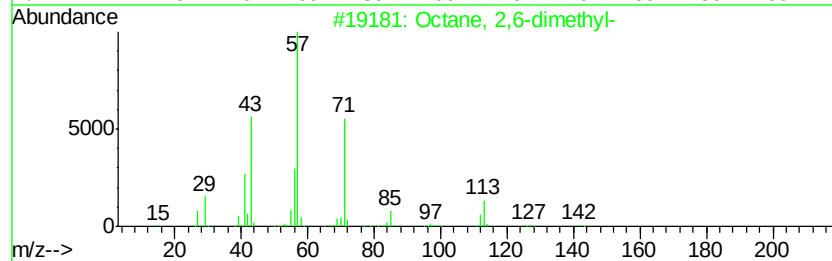
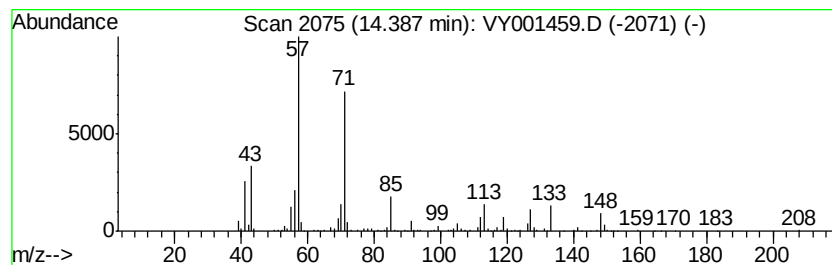
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	16.97 ug/l	290267	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4		Heptadecane	240	C17H36	000629-78-7	50
5		Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
 Data File : VY001459.D
 Acq On : 31 Jan 2020 16:37
 Operator : SY/MD
 Sample : L1351-03
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.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
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Pentane, 2,2,3,4-...	12.64	24.3	ug/l	416018	4	13.44	854990	50.0
Benzene, (1-methy...	12.75	8.5	ug/l	145599	4	13.44	854990	50.0
Heptane, 5-ethyl-...	13.05	12.3	ug/l	210706	4	13.44	854990	50.0
Heptane, 2,2,4,6,...	13.19	16.3	ug/l	277861	4	13.44	854990	50.0
Hexane, 2,2,5-tri...	13.49	105.1	ug/l	1797900	4	13.44	854990	50.0
unknown13.76	13.76	10.2	ug/l	173617	4	13.44	854990	50.0
Oxirane, 2-methyl...	13.84	10.8	ug/l	184283	4	13.44	854990	50.0
Benzene, 4-ethyl-...	13.98	17.4	ug/l	297663	4	13.44	854990	50.0
Octane, 2,6-dimet...	14.39	17.0	ug/l	290267	4	13.44	854990	50.0