

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032219.D
 Acq On : 19 Sep 2025 16:33
 Operator : SY/MD
 Sample : Q3152-01
 Misc : 5.10g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-091925

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Title : SW846 8260

Signal : TIC: VW032219.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.947	492	502	511	rBV4	12184	41344	1.38%	0.180%
2	7.898	976	986	991	rBV	91354	217865	7.27%	0.948%
3	7.959	991	996	1010	rVB	136784	323381	10.79%	1.407%
4	8.319	1048	1055	1065	rBV	82841	186222	6.21%	0.810%
5	8.855	1134	1143	1157	rBV	240032	499801	16.68%	2.175%
6	10.330	1376	1385	1400	rBV	347647	658255	21.97%	2.864%
7	10.507	1407	1414	1423	rVB3	37315	72495	2.42%	0.315%
8	10.763	1450	1456	1461	rBV3	20612	39051	1.30%	0.170%
9	10.934	1476	1484	1490	rBV2	21764	40433	1.35%	0.176%
10	11.038	1495	1501	1508	rBV3	15065	31908	1.06%	0.139%
11	11.111	1508	1513	1517	rBV2	24741	46145	1.54%	0.201%
12	11.178	1520	1524	1528	rVV2	42819	73084	2.44%	0.318%
13	11.233	1528	1533	1538	rVB2	44607	81817	2.73%	0.356%
14	11.336	1545	1550	1554	rBV3	32604	51696	1.73%	0.225%
15	11.410	1554	1562	1574	rVB5	103862	306824	10.24%	1.335%
16	11.513	1574	1579	1585	rBV	99943	154111	5.14%	0.671%
17	11.635	1592	1599	1608	rBV	385034	684729	22.85%	2.979%
18	11.763	1616	1620	1623	rBV2	27385	41882	1.40%	0.182%
19	11.842	1623	1633	1642	rVV2	475160	1022953	34.14%	4.451%
20	11.916	1642	1645	1650	rVB2	70642	111506	3.72%	0.485%
21	12.056	1662	1668	1674	rVB3	41287	76845	2.56%	0.334%
22	12.135	1674	1681	1684	rBV3	150718	315588	10.53%	1.373%
23	12.251	1693	1700	1704	rVB	188974	312554	10.43%	1.360%
24	12.367	1704	1719	1721	rBV5	144171	510405	17.03%	2.221%
25	12.507	1730	1742	1743	rBV6	121172	260027	8.68%	1.131%
26	12.537	1744	1747	1749	rVV2	239552	358809	11.97%	1.561%
27	12.562	1749	1751	1755	rVB	245689	311007	10.38%	1.353%
28	12.617	1755	1760	1763	rBV2	329685	544188	18.16%	2.368%
29	12.647	1763	1765	1770	rVB	235526	276447	9.23%	1.203%
30	12.702	1770	1774	1777	rVB2	32320	42674	1.42%	0.186%
31	12.775	1782	1786	1793	rVB6	114178	231377	7.72%	1.007%
32	12.860	1793	1800	1804	rBV2	177338	372084	12.42%	1.619%
33	12.928	1804	1811	1818	rVV2	1753894	2996406	100.00%	13.037%
34	12.989	1818	1821	1826	rVB2	136585	202651	6.76%	0.882%
35	13.080	1830	1836	1837	rBV2	128074	195773	6.53%	0.852%
36	13.104	1837	1840	1845	rVV2	139544	327222	10.92%	1.424%

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	13.159	1845	1849	1855	rVB2	374143	574301	19.17%	2.499%
38	13.251	1855	1864	1867	rBV2	128713	267768	8.94%	1.165%
39	13.287	1867	1870	1874	rVB	90019	113155	3.78%	0.492%
40	13.342	1875	1879	1882	rBV	92322	134806	4.50%	0.587%
41	13.440	1888	1895	1899	rBV3	290472	583434	19.47%	2.538%
42	13.482	1899	1902	1905	rBV2	170999	196978	6.57%	0.857%
43	13.513	1905	1907	1909	rVB	63828	51075	1.70%	0.222%
44	13.549	1909	1913	1917	rBV2	507069	806801	26.93%	3.510%
45	13.616	1922	1924	1931	rVB	209645	289089	9.65%	1.258%
46	13.696	1931	1937	1941	rBV4	77764	199612	6.66%	0.868%
47	13.744	1941	1945	1949	rVV2	154020	241603	8.06%	1.051%
48	13.787	1949	1952	1960	rVB2	175836	298395	9.96%	1.298%
49	13.866	1960	1965	1971	rBV	1327954	1987859	66.34%	8.649%
50	13.915	1971	1973	1975	rVV2	59855	79302	2.65%	0.345%
51	13.946	1975	1978	1981	rVV	106748	160913	5.37%	0.700%
52	14.031	1985	1992	1997	rVV3	160313	388019	12.95%	1.688%
53	14.086	1997	2001	2005	rVB	149481	224133	7.48%	0.975%
54	14.196	2014	2019	2024	rBV3	175238	309887	10.34%	1.348%
55	14.257	2025	2029	2036	rVV7	56318	119971	4.00%	0.522%
56	14.336	2036	2042	2046	rVV3	117165	264537	8.83%	1.151%
57	14.385	2046	2050	2053	rVV2	200657	338937	11.31%	1.475%
58	14.421	2053	2056	2058	rVV3	125837	178975	5.97%	0.779%
59	14.452	2058	2061	2064	rVV	130602	176713	5.90%	0.769%
60	14.494	2064	2068	2071	rVB2	106605	137403	4.59%	0.598%
61	14.537	2071	2075	2082	rVB3	76334	134499	4.49%	0.585%
62	14.714	2095	2104	2110	rVB3	356887	615269	20.53%	2.677%
63	14.787	2110	2116	2132	rVB4	215817	715000	23.86%	3.111%
64	14.952	2139	2143	2149	rVB	124805	203910	6.81%	0.887%
65	15.055	2156	2160	2165	rBV5	50019	87771	2.93%	0.382%
66	15.165	2173	2178	2186	rBV2	53106	122107	4.08%	0.531%
67	15.238	2186	2190	2197	rVB5	46028	108058	3.61%	0.470%
68	15.317	2198	2203	2213	rVB5	66638	134699	4.50%	0.586%
69	15.415	2213	2219	2223	rBV	48258	99921	3.33%	0.435%
70	15.543	2236	2240	2249	rVB2	73967	145004	4.84%	0.631%
71	15.653	2250	2258	2264	rBV6	29817	79080	2.64%	0.344%
72	15.720	2266	2269	2275	rVB4	21638	36025	1.20%	0.157%
73	15.860	2287	2292	2297	rVB2	71324	131129	4.38%	0.571%
74	16.171	2334	2343	2353	rBV3	42692	112482	3.75%	0.489%
75	16.366	2368	2375	2381	rBV3	32272	69967	2.34%	0.304%
76	16.646	2409	2421	2424	rBV3	14286	45912	1.53%	0.200%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260

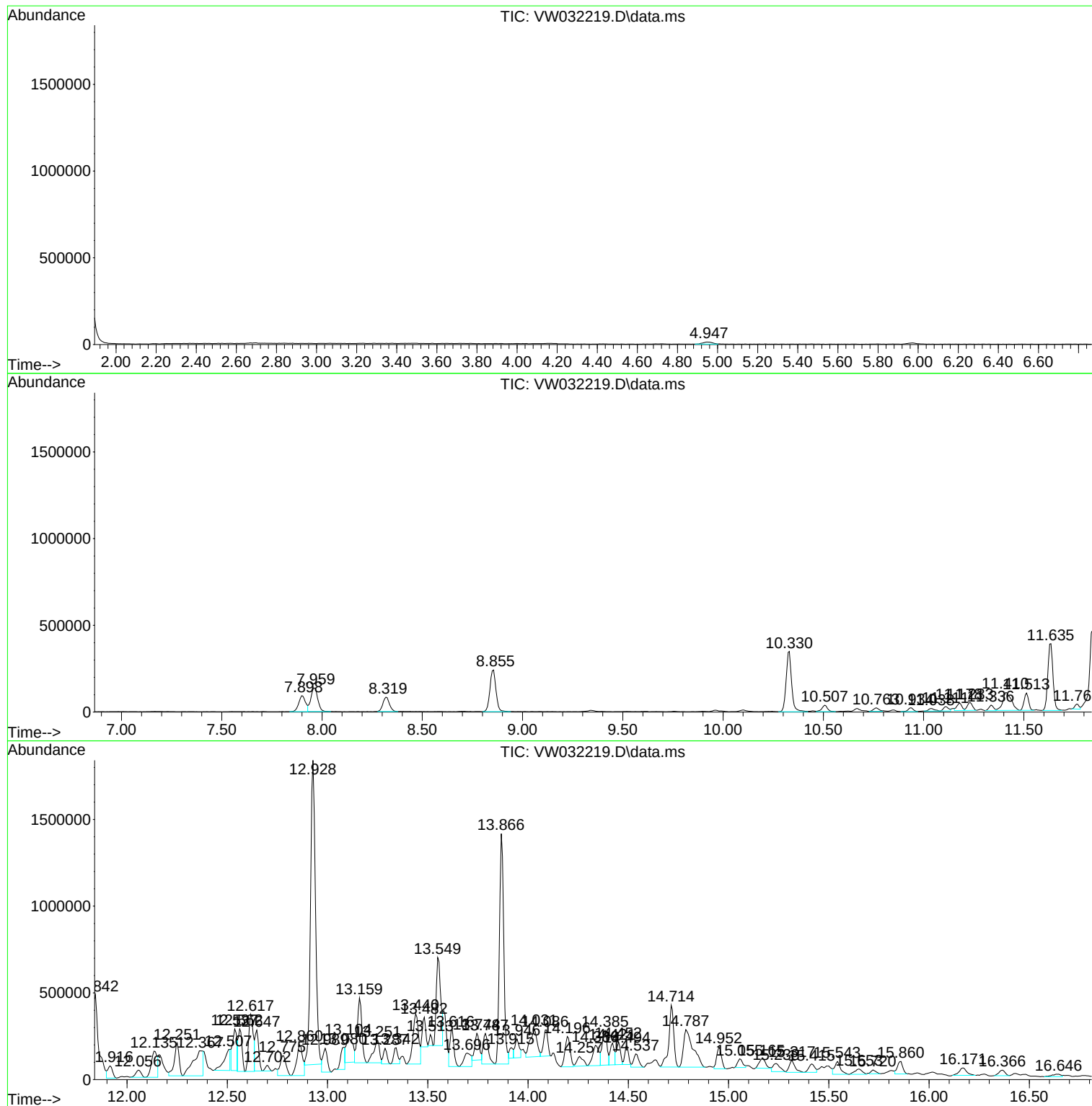
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032219.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032219.D
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Operator : SY/MD
Sample : Q3152-01
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-091925

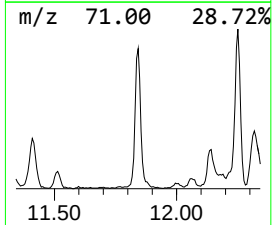
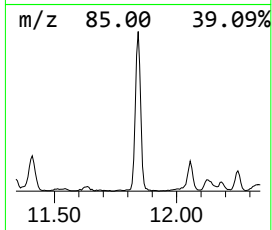
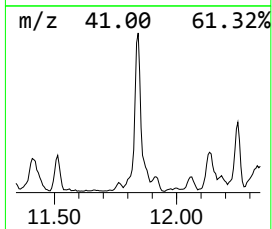
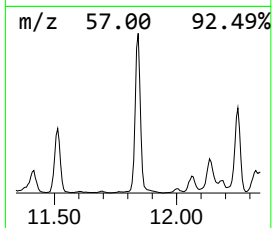
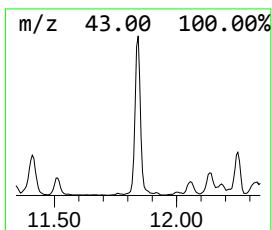
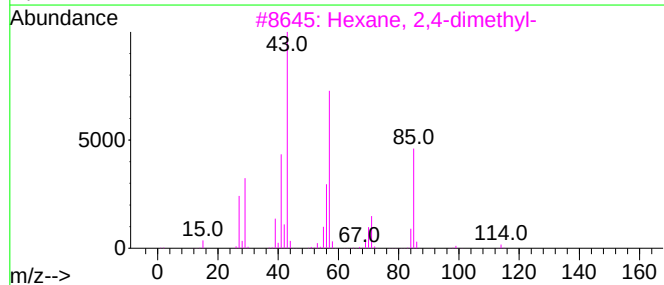
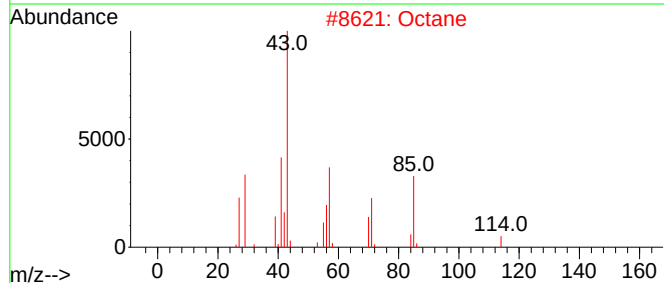
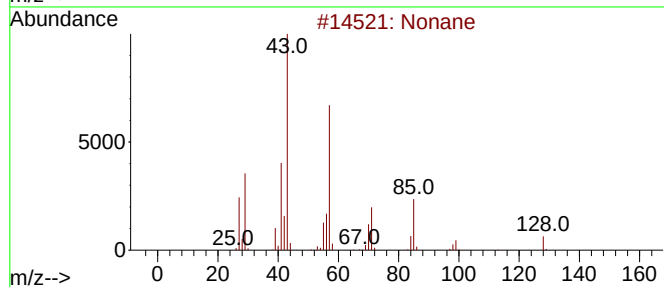
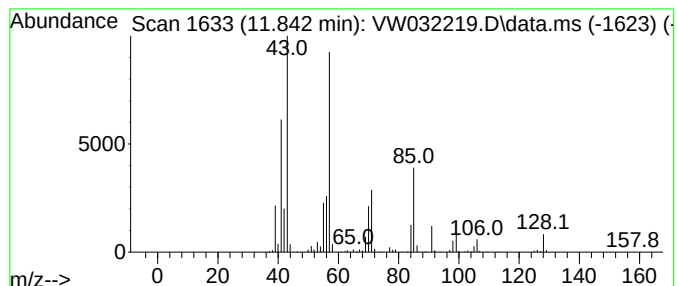
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.842	74.70 ug/l	1022950	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	94
2			Octane	114	C8H18	000111-65-9	59
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
5			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	47



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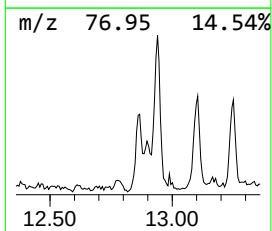
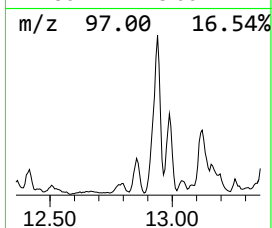
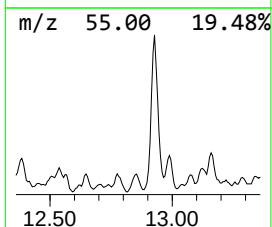
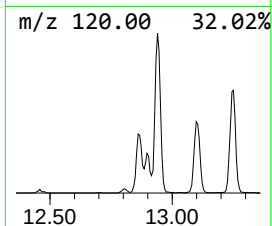
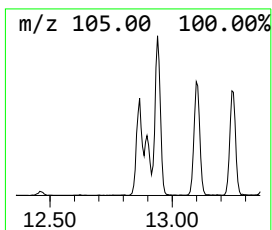
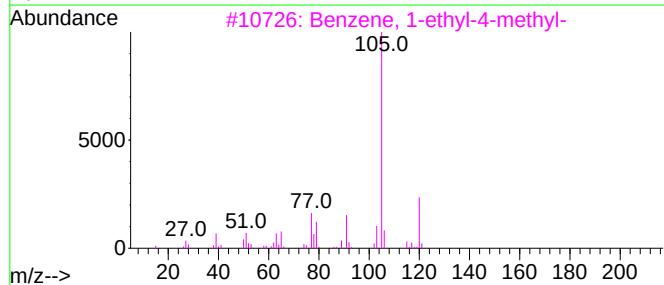
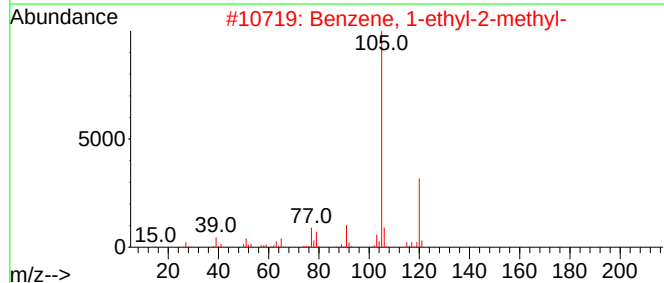
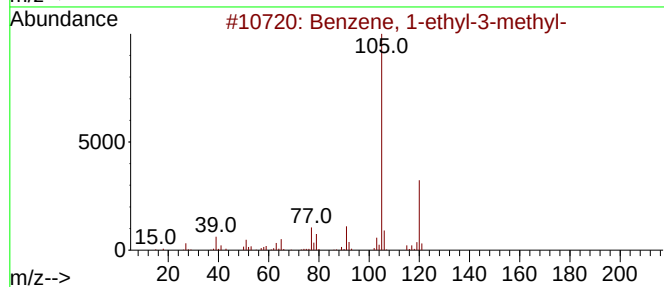
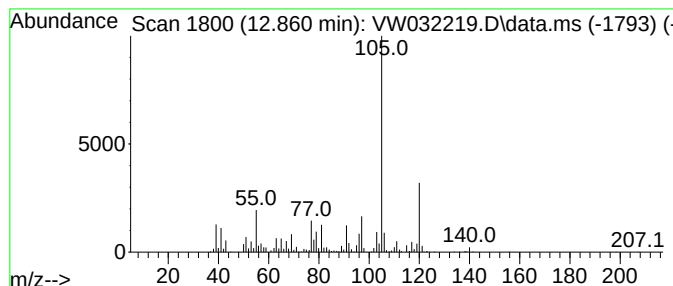
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	23.06 ug/l	372084	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	92
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
5			Mesitylene	120	C9H12	000108-67-8	70



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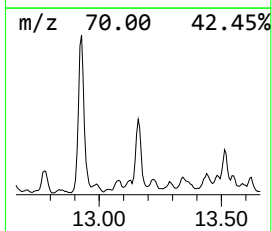
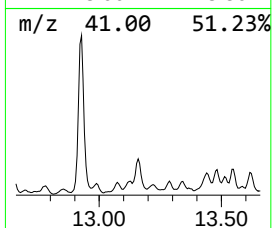
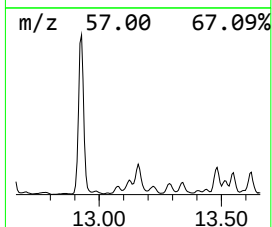
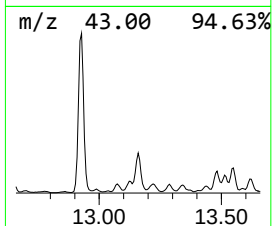
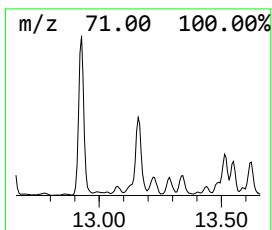
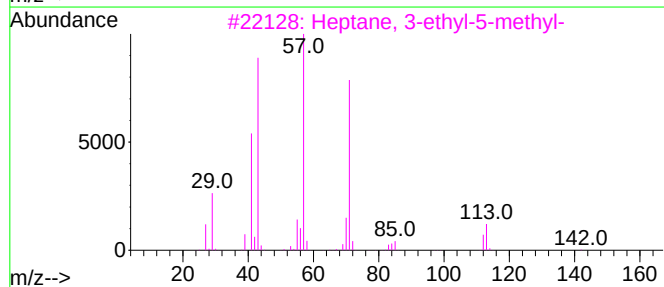
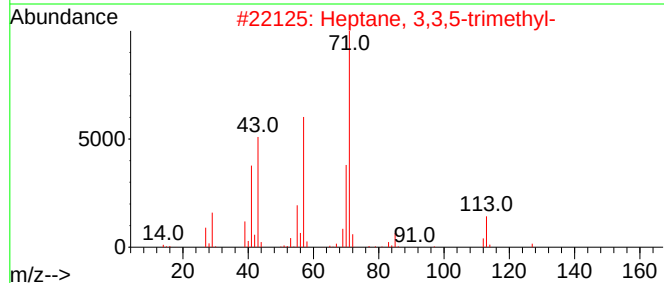
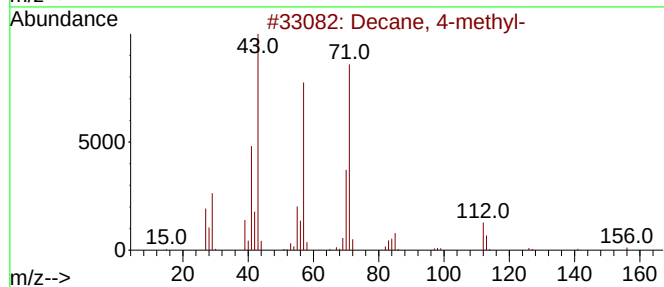
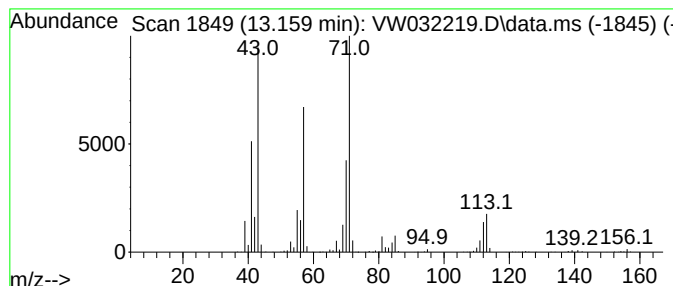
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	35.59 ug/l	574301	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	90
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
4			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	59
5			n-Amyl ether	158	C10H22O	000693-65-2	59



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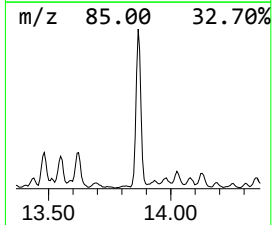
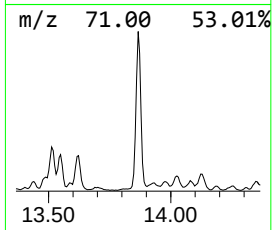
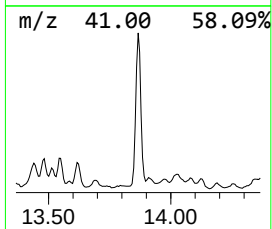
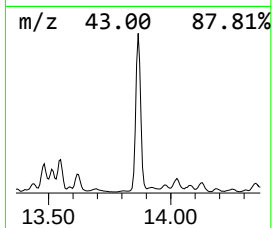
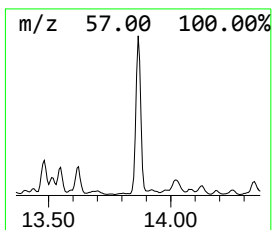
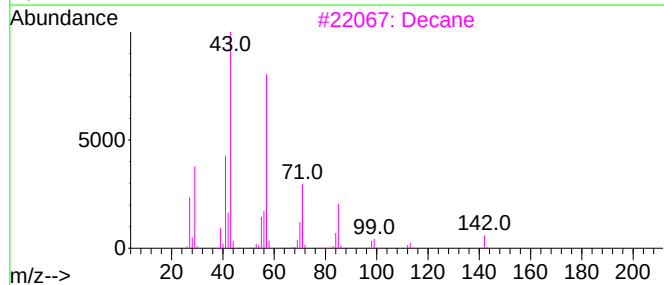
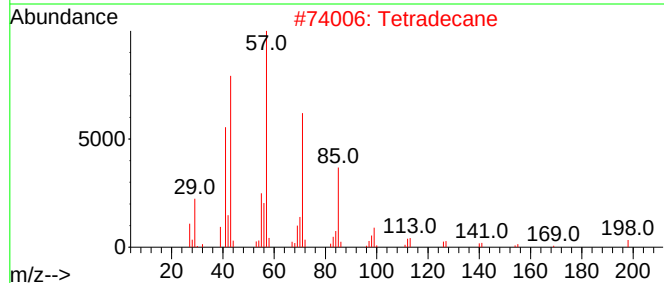
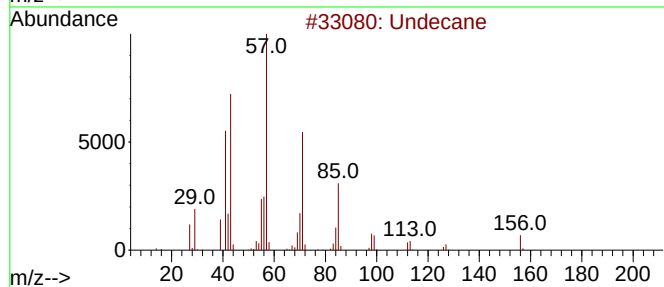
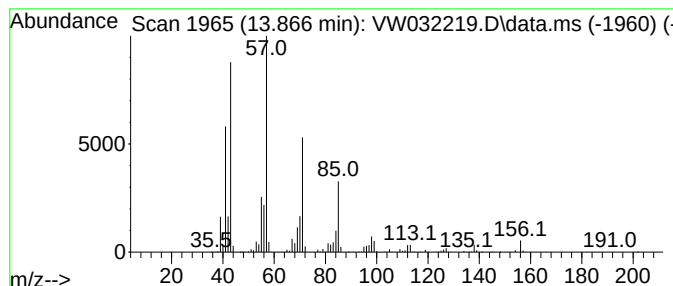
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.866	123.19 ug/l	1987860	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	95
2	Tetradecane			198	C14H30	000629-59-4	86
3	Decane			142	C10H22	000124-18-5	78
4	Carbonic acid, nonyl vinyl ester			214	C12H22O3	1000383-25-6	64
5	Hexadecane			226	C16H34	000544-76-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032219.D
Acq On : 19 Sep 2025 16:33
Operator : SY/MD
Sample : Q3152-01
Misc : 5.10g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-091925

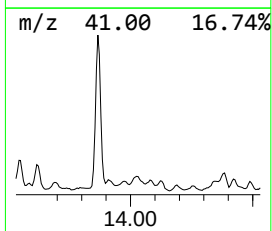
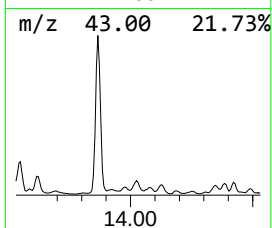
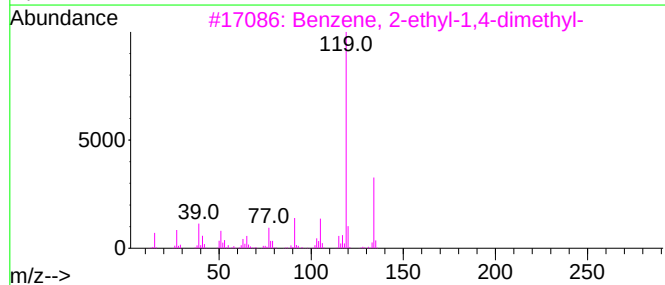
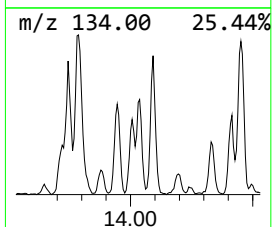
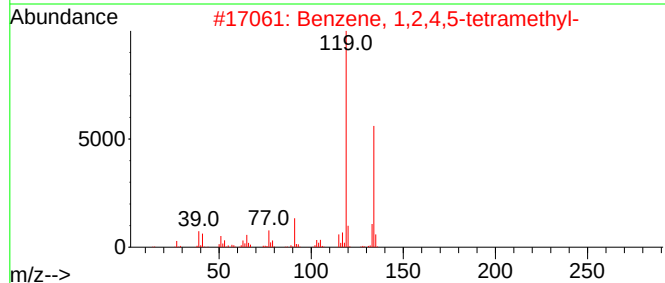
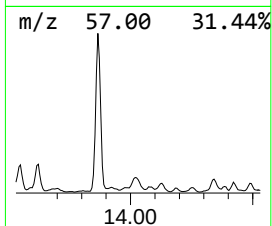
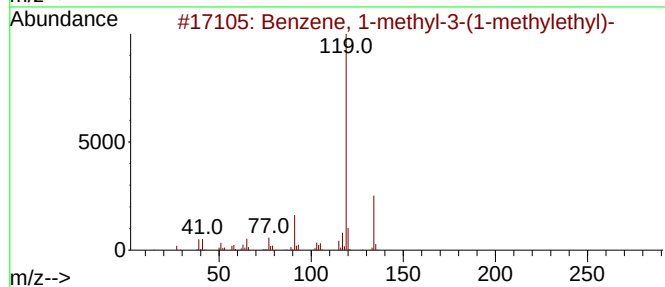
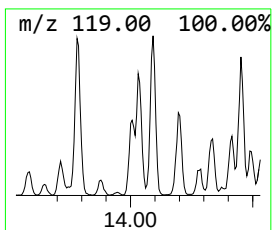
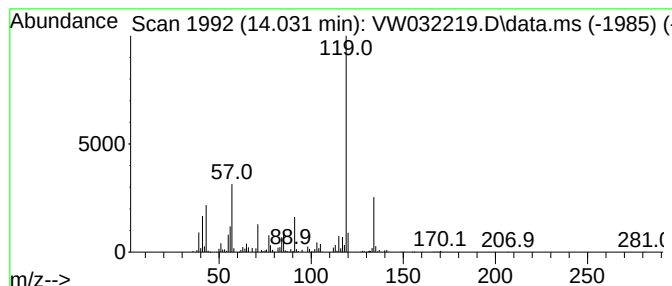
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.031	24.05 ug/l	388019	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032219.D
Acq On : 19 Sep 2025 16:33
Operator : SY/MD
Sample : Q3152-01
Misc : 5.10g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-091925

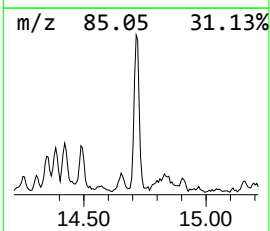
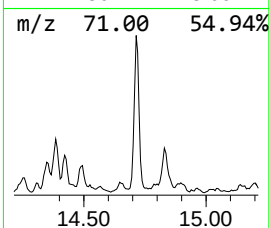
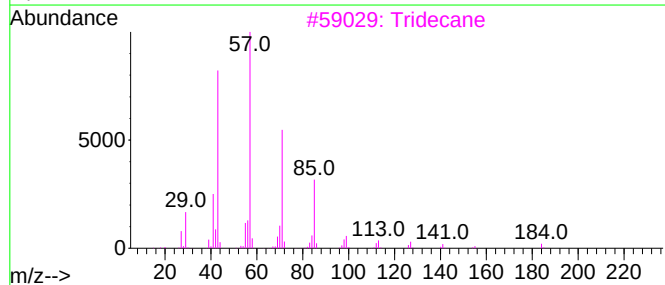
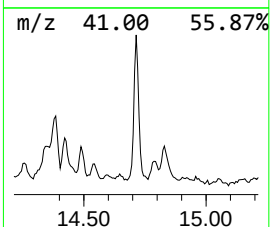
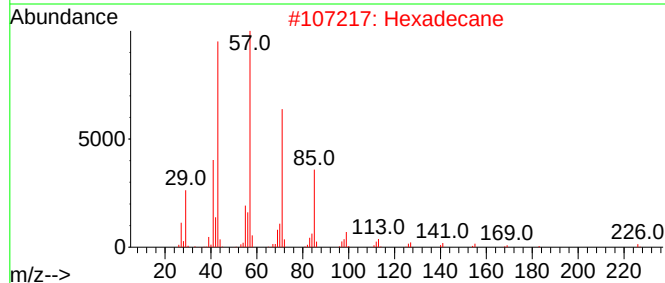
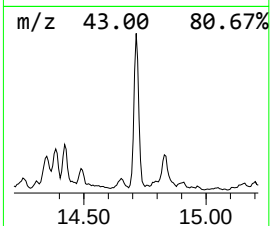
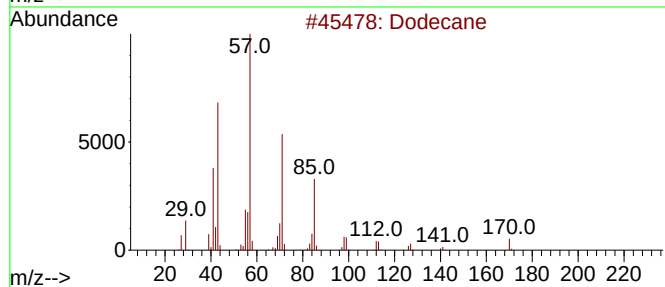
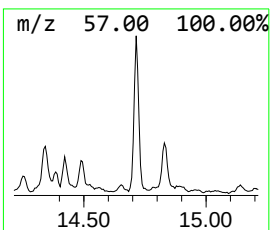
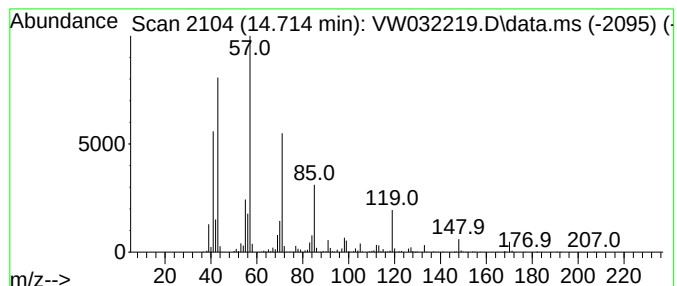
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	38.13 ug/l	615269	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Hexadecane	226	C16H34	000544-76-3	64
3			Tridecane	184	C13H28	000629-50-5	64
4			Tetradecane	198	C14H30	000629-59-4	64
5			Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032219.D
Acq On : 19 Sep 2025 16:33
Operator : SY/MD
Sample : Q3152-01
Misc : 5.10g/5mL/MSVOA_W/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EO-02-091925

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	11.842	74.7	ug/l	1022950	3	11.635	684729	50.0
Benzene, 1-ethy...	12.861	23.1	ug/l	372084	4	13.556	806801	50.0
Decane, 4-methyl-	13.159	35.6	ug/l	574301	4	13.556	806801	50.0
Undecane	13.866	123.2	ug/l	1987860	4	13.556	806801	50.0
Benzene, 1-meth...	14.031	24.1	ug/l	388019	4	13.556	806801	50.0
Dodecane	14.714	38.1	ug/l	615269	4	13.556	806801	50.0